

## RIMERSBURG BOROUGH MUNICIPAL AUTHORITY RESOLUTION 04-2022

A RESOLUTION ESTABLISHING RULES AND REGULATIONS WITH RESPECT TO THE WATER AND SEWER SYSTEMS AND IMPOSING THOSE RULES UPON USERS OF WATER AND/ OR SEWER AND OWNERS OF PROPERTIES CONNECTED TO THE WATER AND/ OR SEWER SYSTEMS OR THOSE BEING REQUIRED TO CONNECT TO THE WATER AND/ OR SEWER SYSTEMS.

BE IT RESOLVED by the Board of the Rimersburg Borough Municipal Authority, located in Rimersburg Borough, Clarion County, Pennsylvania, and it hereby is resolved by the Authority of the same that the following rules and regulations with respect to the Water and Sewer Systems be and they hereby are adopted:

### **Rules and Regulations of the Water and Sewer Systems of the Rimersburg Borough Municipal Authority.**

#### **ARTICLE I. DEFINITIONS**

**Section 1.** Unless the context specifically indicates otherwise, the following words and terms used in these Water and Sewer System Rules and Regulations shall have the following meanings:

1. Abnormal Industrial Waste shall mean any industrial waste having a suspended solid content or C.B.O.D. (of Sewage or Industrial Waste shall designate its Carbonaceous Biochemical Oxygen Demand and is defined alphabetically herein) appreciably in excess of that normally found in municipal sewage. For the purposes of these regulations, any industrial waste containing more than 350 milligrams (not final) per liter of suspended solids, or having a C.B.O.D. in excess of 300 milligrams (not final) per liter, shall be considered an abnormal industrial waste regardless of whether or not it contains other substances in concentrations differing appreciably from those normally found in municipal sewage.
2. Act or the Act shall mean the Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 U.S.C. 1251, et seq.
3. Authority shall mean the Rimersburg Borough Municipal Authority of the Borough of Rimersburg, Clarion County, Pennsylvania.
4. Authorized Agent shall mean the Authorized Agent of Rimersburg Borough being the Authorized Agent hereunder, the Management Agreement between the Authority as Owner and Borough of Rimersburg as Authorized Agent thereunder, and herein defined as the Management Agreement, who shall administer these Water and Sewer System Rules and Regulations and his duly authorized agents or representatives.
5. Borough shall mean the Borough of Rimersburg, also known as Rimersburg Borough, Clarion County, Pennsylvania.

6. Building Drain shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five (5) feet (1.5 meters) outside the inner face of the building wall.
7. Building Sewer or Building Lateral shall mean the extension from the building drain to the public sewer or other place of disposal.
8. C.B.O.D. of Sewage or Industrial Waste shall designate its Carbonaceous Biochemical Oxygen Demand and shall mean the quantity of oxygen utilized in the biochemical oxidation of the organic matter in said sewage or industrial waste under standard laboratory procedure in five (5) days at twenty (20) degrees Centigrade (under aerobic conditions), expressed in milligrams per liter by weight. It shall be determined by one of the acceptable methods described in the latest edition of *Standard Methods for the Examination of Water and Wastewater*, cited herein (see pH definition).
9. CFR shall mean the Code of Federal Regulations.
10. COD shall mean Chemical Oxygen Demand.
11. Combined Sewer shall mean a sewer designed to receive both sewage and storm water runoff which has been approved for such purpose.
12. EPA shall mean the Environmental Protection Agency.
13. Garbage shall mean solid wastes from preparation, cooking and dispensing of food, and from the handling, storage and sale of such produce.
14. Industrial Wastes shall mean liquid, gaseous, or water borne wastes from industrial processes or commercial establishments as distinct from sanitary sewage.
15. I/I or Inflow and Infiltration shall refer to storm water, surface water, ground water, or dilution from other sources unacceptable to the sanitary sewer system. Inflow is generally storm water that would originally enter the storm drain and pipes, but instead enters the sanitary sewer pipes at a direct point location. Examples of this would be an inlet, roof drains, drains from driveways, or sump pumps from basements that are illegally connected, or diverted to an area that is connected to a sanitary sewer pipe. Infiltration is generally ground water that seeps into cracks and leaks in sanitary sewer pipes or manholes at some location underground. Cracks or leaks in sanitary sewer pipes can be due to age and deterioration, poor design, loose joints, or maintenance errors.
16. “L” or “l” shall mean liter.
17. mg shall mean milligrams.
18. mg/l shall mean milligrams per liter.
19. Municipalities shall mean the Borough of Rimersburg and any other governmental unit or municipality, authority, or geographic area connected to the water system.

20. Natural Outlet shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or ground water.
21. NPDES shall mean the National Pollutant Discharge Elimination System.
22. Occupied Building shall mean any structure erected and intended for continuous or periodic habitation, occupancy, or use by human beings or animals, and to which structure water and/ or sewer service may be supplied.
23. Person shall include natural persons, partnerships, associations, and corporations, public or private.
24. pH shall mean the reciprocal of the logarithm to the base ten (10) of the hydrogen ion concentration expressed in grams per liter. It shall be determined by one of the acceptable methods described in the latest edition of *Standard Methods for the Examination of Water and Wastewater* (<http://www.standardmethods.org/>) published jointly by the American Public Health Association (APHA), the American Water Works Association (AWWA), and the Water Environment Federation (WEF).
25. POTW shall mean Public Owned Treatment Works - *see Public Sanitary Sewage System* (also called Sewer System, Public Owned Treatment Works and POTW)
26. Premises shall be defined as:
- (a) a building under one roof, owned or leased by one customer, and occupied as one residence, principle dwelling, or place of business; or
  - (b) a group or combination of buildings owned by one customer, in one common enclosure, occupied by one family or one organization, corporation, or firm as a residence or place of business, or for manufacturing or industrial purposes, or as a hotel, hospital, church, parochial school, or similar institution except as otherwise noted herein. For the purposes of clarifying this definition, a place of business and an apartment occupying the same building, owned by a single individual and used by that same individual shall be counted as a single premises; or
  - (c) the one side of a double house having a solid vertical partition wall; or
  - (d) each side or each part of a building occupied by one family even though the closet and/or fixtures be used in common; or
  - (e) each apartment, office, or suite of offices, and/or place of business located in a building or group of buildings, even though such buildings in a group are interconnected by a tunnel or passageway, covered area way or patio, or by some similar means or structure; or
  - (f) a public building devoted entirely to public use, such as a town hall, school house, fire engine house; or
  - (g) a single lot or park or playground; or
  - (h) each house in a row of houses; or

- (i) each dwelling unit in a house or building, a dwelling unit being defined as a building or structure or portion thereof with exclusive culinary facilities designed for occupancy and used by one person or family/household; or
  - (j) each dwelling unit in a public housing development; or
  - (k) each individual and separate place of business and/or occupancy located in one building or group of buildings commonly designated as shopping centers, supermarket areas, and by such other terms; or
  - (l) each mobile home, camper, recreational vehicle, stick built structure, or other unit which is capable of habitation by one person or one family/ household, whether on a permanent or seasonal basis; or
  - (m) each pad or site located on a property within the Authority's service area capable of accommodating a mobile home, recreational vehicle, stick built structure, or other unit.
27. Premises Accessible to the Public Sanitary Sewage System shall mean any real estate within 150' (feet) of, abutting on, adjoining, or having access to any street, alley, or right-of-way in which a sewer is located which ultimately connects to the Public Sanitary Sewage System.
28. Properly Shredded Garbage shall mean the wastes from the preparation, cooking, and dispensing of food and from the handling, storage, and sale of produce that have been shredded to such degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half inch (1/2") in any dimension.
29. Public Sanitary Sewage System (also called Sewer System, Public Owned Treatment Works and POTW) shall mean all sanitary sewers, manholes, all pumping stations, all force mains, all sewage treatment works, and all other sewerage facilities owned and operated by the Authority and/or Borough and/or other Authorities or Municipalities and/or other parties in applicable cases governed by agreement for the collection, transportation, and treatment of sanitary sewage and industrial wastes, together with their appurtenances, and any additions, extensions, or improvements thereto. It shall also include sewers within the Authority's Service Area which serve one or more persons and discharge into the public sanitary sewerage system even though those sewers may not have been constructed by the Authority and/or Borough and/or Municipalities and/or other Authorities, in applicable cases governed by an agreement, and are not owned or maintained by the Authority. It does not include separate storm sewers or culverts which have been constructed for the sole purpose of carrying storm and surface runoff, the discharge from which is not and does not become tributary to the sewage treatment facilities.
30. Sanitary Sewage shall mean the normal water-carried household and toilet wastes from residences, business buildings, institutions, industrial, and commercial establishments, exclusive of storm water runoff, surface water, or ground water.

31. Sanitary Sewer/age shall mean a sewer which carries sewage and to which storm, surface, and ground waters are not intentionally admitted.
32. SIC shall mean Standard Industrial Classification.
33. Service Area shall be defined as the area that is either reflected in the official plan adopted by participating municipality or covered by separate agreement with respective municipality to allow water and/or sewer services to be provided by the Authority.
34. Sewage shall mean a combination of water-carried wastes from residences, business buildings, institutions, and industrial and commercial establishments, together with such ground, surface, or storm water as may be present.
35. Sewer and Sewerage shall mean a pipe or conduit for carrying sewage.
36. Shall is mandatory, may is permissive.
37. Slug shall mean any discharge of water, sewage, or industrial waste which, in concentration of any given constituent or in quantity of flow, exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation.
38. Standard Details Those technical specifications set forth in the Standard Details section of the Appendix to these Rules & Regulations or in separate publication upon request from the Authority.
39. Storm Water Runoff shall mean that portion of the rainfall which reaches a channel, trench, or sewer.
40. Storm Sewer shall mean a sewer which is intended to carry storm water runoff, surface waters, ground water drainage, etc., but which is not intended to carry any sanitary sewage or polluted industrial waste.
41. Suspended Solids shall mean solids that either float on the surface or are in suspension in water, sewage, industrial waste, or other liquids, and which are removable by laboratory filtration. The quantity of suspended solids shall be determined by one of the acceptable methods described in the latest edition of *Standard Methods for the Examination of Water and Wastewater* cited above.
42. SWDA shall mean the Solid Waste Disposal Act, 42 U.S.C. 6901 et. seq.
43. Toxic Pollutant shall mean any pollutant or combination of pollutants listed as toxic in regulations promulgated by the Administrator of the Environmental Protection Agency under the provision GWA 307(a) or other Acts.
44. TSS shall mean Total Suspended Solids.
45. Unpolluted Water or Waste shall mean any water or waste containing none of the following: free or emulsified grease or oil; pH less than 6.0 or greater than 8.5; phenols or other substances imparting taste and odor to receiving waters; toxic or poisonous substances in suspension, colloidal state, or solution; obnoxious or odorous gases. It shall

contain not more than 1,000 milligrams per liter by weight of dissolved solids of which not more than 250 milligrams per liter shall be as chloride and not more than ten (10) milligrams per liter each of suspended solids and C.B.O.D. The color shall not exceed fifty (50) color units. Analyses for any of the above mentioned substances shall be made in accordance with the latest edition of *Standard Methods for the Examination of Water and Wastewater* cited above.

46. USC shall mean the United States Code.

47. Watercourse shall mean a channel in which a flow of water occurs, either continuously or intermittently.

48. Water System or Public Water System (PWS) shall mean all water lines, all pumping stations, all mains, all water treatment works, and all other water facilities, infrastructure, and equipment owned and operated by the Authority and/or Borough and/or other Authorities or Municipalities and/or other parties in applicable cases governed by agreement for the collection, transportation, and treatment of potable/ drinking water, together with their appurtenances, and any additions, extensions, or improvements thereto. It shall also include water lines or mains within the Authority's Service Area which serve one or more persons and are connected to the public water system even though those water lines or mains may not have been constructed by the Authority and/or Borough and/or Municipalities and/or other Authorities, in applicable cases governed by an agreement, and are not owned or maintained by the Authority.

## **ARTICLE II. FEES AND CHARGES**

### **Section 2.01 Sewage Collection, Transportation, and Treatment Charges**

There is imposed upon the owners of, or the users of water in or on, all properties served by the public sanitary sewage system charges for the use of said system including, but not limited to, sewage collection, transportation, and treatment payable in the amounts and as set forth by Rimersburg Borough Municipal Authority Resolution and as it is hereinafter from time to time amended and modified. Said owners and users will be jointly and severally liable for the payment of said sewage system charges and the penalties therein prescribed for delinquent payment thereof.

All bills for sewage system charges shall be due when rendered and shall be subject to the penalty provisions set forth by Rimersburg Borough Municipal Authority Resolution. Owners and, where adequate arrangements have been made with the Authority and the Borough, users will be billed periodically for the sewage system charges in accordance with the billing practices of the Authority and the Borough as set forth by Rimersburg Borough Municipal Authority Resolution and according to the Rules and Regulations.

The measurement by two or more meters of the quantity of water used in one property by one owner or user may be combined and the sewage system charges billed to said owner or user as though the quantity of water was measured by one meter if the Authority and the Borough so elect.

In the event an owner or user obtains part or all of the water used in or on a property from sources other than the Rimersburg Borough Municipal Authority, such owner or user shall, upon written direction from the Borough, at no expense to the Authority or Borough or other water company, install and maintain a water meter or meters satisfactory to the Borough and/or water company for measuring all water used other than that obtained from the Rimersburg Borough Municipal Authority, and the quantity of water used to determine sewage system charges shall be the quantity of water measured by all such meters plus the quantity of water obtained from the Rimersburg Borough Municipal Authority or other source.

Sewage measuring devices of a design approved by the Authorized Agent may be used in place of water meters.

### **Section 2.02 Minimum Charge for Water Service**

Each monthly minimum charge shall entitle the consumer to receive during the then current month period, the amount of water for which the minimum charge would pay for at the schedule of rates and all water taken in excess of such an amount shall be paid for at the schedule of overage rates. All rates shall be set forth and hereafter be adopted by separate resolution of the Rimersburg Borough Municipal Authority.

**The minimum charge shall be paid whether such amount of water is taken or not and no credit shall be allowed.**

## **ARTICLE III. BILLING AND COLLECTION**

### **Section 3.01 Billing**

Bills and notices relating to the Authority or its business will be mailed to the owner's last address, as shown on the books of the Authority, and the Authority shall not otherwise be responsible for delivery. The Authority will mail all such notices and bills to the address given on the application for water and/ or sewer service until further notice of change of address in writing has been filed with the Authority by the owner. The Authority holds the owner responsible for all indebtedness to the Authority, and will send all bills to the owner's latest address, as indicated above.

If the owner makes a separate agreement regarding payment of water and/ or sewer bills, such separate agreement will not be binding in any way on the Authority. The owner of the property, including rental properties, shall be responsible for all bills and/or charges incurred by the property.

### **Section 3.02 Payment**

Water and/ or sewer bills as sent out are not subject to discount, but if not paid by the twentieth (20<sup>th</sup>) of the month following the period for which service was rendered, a penalty of six percent (6%) of said bill, or the current rate as set by Resolution of the Rimersburg Borough Municipal Authority, will be added thereto.

Water and/ or sewer bills shall be due and payable by the twentieth (20<sup>th</sup>) of the month following the period for which service was rendered. The Authority reserves the right to require monthly or quarterly payments of service accounts. In general, monthly payments will be

required of all consumers with monthly bills based on the water meter reading and as otherwise set forth by Rimersburg Borough Municipal Authority Resolution.. Quarterly billing shall include three (3) months of minimum charges plus cost for water and/ or sewer over the said minimums at overage rates. Current practice allows for monthly payments to be required of large volume users.

### **Section 3.03 Collection Procedure, Delinquencies, Violations, and Remedies**

The regular water and/ or sewer bill will be sent to the consumer by the first day of the month following the period for which the charge applies. In the case of any account which has not been paid within thirty (30) days of the due date, a Disconnection Notice will be sent to the consumer during the next regular billing cycle. If the account is not paid in full by the disconnection date given on the Disconnection Notice, which shall be at least five (5) days after the Disconnection Notice is mailed, during which the bill has not been paid, the water and/ or sewer will be shut off from said premises, and will not be again restored until the account is paid in full, including the six percent (6%) penalty and the \$35.00 service charge, or the current rates as set by Resolution of the Rimersburg Borough Municipal Authority. In addition to water and/ or sewer being shut off for account in arrears, properties shall also be subject to Municipal Liens.

### **Section 3.04 Municipal Liens**

All charges, surcharges, and penalties imposed as set forth by Rimersburg Borough Municipal Authority Resolution and hereunder shall be a debt due the Authority and shall be a lien on the property served. In the event of failure to pay all charges, surcharges, and penalties after they become delinquent, the Authorized Agent may also authorize the appropriate personnel to shut off, remove, or close the water and/ or sewer connection and to take such steps as may be necessary to accomplish such shut off, removal, or closing. The expense of such shut off, removal, or closing, as well as the expense of restoring any such service, shall likewise be a debt due the Authority of the Borough and a lien on the property served and the property shall also be subject to Municipal Liens. Such water and/ or sewage service shall not be restored until all charges, surcharges, and penalties, including the expense of shut off, removal, closing, and restoration shall have been paid.

## **ARTICLE IV. VOLUNTARY SUSPENSION, TERMINATION FOR VIOLATION, AND CONSERVATION OF WATER AND/ OR SEWER SERVICE**

### **Section 4.01 Discontinuance of Service, Allowance for Vacancy, and Inter-Period Billings**

This rule applies to property owners or consumers who are vacating the premises permanently or wish to suspend their service temporarily upon temporary vacation of premises with the intent of returning to the property and reinstating service after a short period of time. This rule is to apply only to unoccupied premises. Any consumer may terminate his service contract with the Authority and have his water service discontinued upon giving written notice thereof to the Authority, unless otherwise provided by agreement between the parties. Within a reasonable time thereafter, the Authority will take final meter readings, shut off the water at the curb stop, and prepare a water bill based on the water used, or a minimum bill according to the current billing period, whichever is applicable. Though basic charges for water service will not be billed during suspension of service, the property owner shall continue to be billed and shall remain responsible for payments of any and all monthly debt service(s) during suspension of service.



No allowance for vacancy or for non-usage of water will be made unless the premises is unoccupied and the water has been shut off from the premises, in compliance with the written request of the consumer, by a representative of the Authority, at the curb stop.

In case of a change of ownership or occupancy of a property where it is not desired to have the water shut off, the Authority will, upon the request of the consumer, read the meter and make a final billing. However, in the case of a change of consumer on a property, the new consumer must make written application of water service as outlined under Rule 1. If the new consumer does not make the application for water service, and the original consumer does not make written application for discontinuance of service, the original consumer will be billed in a routine manner at the regular meter reading and billing period, and held responsible for said bill.

#### **Section 4.02 Discontinuance of Service for Violation of Rules**

Applications may be canceled or water service may be discontinued by the Authority upon giving to the owner five (5) days notice thereof for violation by owner of any of the rules of the Water System of the Authority, or any amendment that may be made thereto, or for any other proper cause, and especially for any one or more of the following reasons:

- A. for failure to pay water bills when due;
- B. for failure to promptly repair or replace service lines or portions thereof which are the responsibility of the property owner, as defined in other parts of these rules;
- C. for any tampering with any meter or seal thereof, or with any service pipe from the water main to the edge of the cart way, property, or curb stop or box, or permitting such tampering by others;
- D. for misrepresentation in the application as to property or fixtures to be supplied or the use to be made of the water supply;
- E. for the use of water for any other property;
- F. for waste of water through improper or imperfect pipes, fixtures, or otherwise;
- G. for refusal of access to property for the purpose of inspecting, reading, caring for, or removing meters.

A service charge of \$35.00, or the current rate as set by Resolution of the Rimersburg Borough Municipal Authority, will be made by the Authority to the consumer where water has been turned off for violation of any of the rules herein described, and in such case the water will not be turned on until water bills, bills for repairs to service lines or meters including the service charge of \$35.00, or the current rate as set by Resolution of the Rimersburg Borough Municipal Authority, have been paid.

Any user who is found to have violated an order of the Authority, or who willfully or negligently failed to comply with any provision of these Water System Rules and Regulations, and the orders, rules, regulations, and permits issued hereunder, shall be fined not less than One Hundred Dollars (\$100.00) nor more than one thousand dollars (\$1,000.00) for each offense, or the current rate as set by Resolution of the Rimersburg Borough Municipal Authority. Each day on

which a violation shall occur or continue shall be deemed a separate and distinct offense. In addition to the penalties provided herein, the Authority may recover reasonable attorney's fees, court costs, court reporter's fees, and other expenses of litigation by appropriate suit of law against the person found to have violated these Water System Rules and Regulations or the orders, rules, regulations, and permits issued hereunder.

#### **Section 4.03 Discontinuance of Service for Repairs to Mains**

The Authority reserves the right to shut off the water from any distribution mains without notice for the purpose of making repairs, extensions, or for any other purpose when necessary, but it will use its best efforts, as far as circumstances will permit, to notify consumers of its intention to do so.

#### **Section 4.04 Reservation of Supply**

The Authority retains the right to store a sufficient supply of water at all times in its reservoirs to provide for fire and other emergencies and in the event any accident or damage to any part of its works or equipment, any breakdown of machinery or bursting of any main, or any other occurrence whatsoever affecting its plant or equipment or the operation thereof, the Authority shall not be liable to any owner of water for failure of pressure or of supply.

#### **Section 4.05 High Elevations, Low Water Pressure, High Consumption Demands, Intercepting Tanks, Etc.**

Variations in pressure can occur due to high elevations and periods of high use. High consumption demands throughout the system or at a localized spot in the system can reduce water pressure in the system. The amount of reduction depends upon the location of the high consumption and the sizes, lengths, and roughness of the feeder lines in the area under consideration. Also, there is a tendency for cast iron, wrought iron, or steel service lines and house piping to build up with corrosion on their inner surfaces, greatly reducing the carrying capacity of the pipes.

Property owners, particularly in high elevations should keep these conditions in mind when planning to build, replace service lines and house piping, or question the pressure available on the mains supplying their property and should obtain competent advice, particularly about the advisability of building in high elevations.

While the Authority will do everything within reason to maintain the original efficiency of the system and improve it where practical, it cannot be responsible for poor service because of corroded service lines and house piping or extremely high elevations.

In case of extremely high periodic demands by any consumer which seriously affect the service to other consumers, the Authority may limit the rate at which that consumer may draw water from the system by whatever means are found necessary. The usual alternative for the high demand consumer is for them to provide an intercepting tank at the consumer's cost of sufficient height and capacity to provide for their peak demands and allow the Authority to furnish their needs at a rate of flow which will not interfere with reasonable service to other consumers on the system. The Authority also has the right to limit and control, reduce, or terminate the use of water for cooling purposes as the situation from time to time may warrant.

In general, the Authority will attempt to supply the daily needs of any and all large consumers, but it does not guarantee a definite flow or pressure to overcome deficiencies in the consumer's own distribution piping.

#### **Section 4.06 Use of Water During Fires**

At the time of fires requiring large quantities of water, the Authority and Fire Department request the cooperation of all consumers by limiting their consumption of water as much as practical. Low pressures can be expected at such times.

#### **Section 4.07 Customer Machinery or Equipment**

The Authority will not be liable for any claim or damage arising from a shortage of water, the breaking of machinery or other facilities, or any other cause beyond its control.

Customers and/or property owners using the water supply for steam boilers and depending upon hydraulic or hydrostatic pressure in the pipe system of the water system for supplying such boilers will do so at their own risk. The Authority will not be responsible for any accidents or damage to which such devices may be subjected.

### **ARTICLE V. VIOLATION AND ENFORCEMENT**

#### **Section 5.01 Unauthorized Discharge**

If any person discharges sewage, industrial wastes, or other wastes into the Authority's Sewer System contrary to the provisions of these Water and Sewer System Rules and Regulations, Federal or State Pretreatment requirements, or any order of the Borough, Authority solicitors or Borough solicitors may commence an action for appropriate legal and/or equitable relief in the Common Pleas Court of Clarion County.

#### **Section 5.02 False Information and Tampering**

Any person who knowingly makes any false statements, representations, or certifications in any application, record, report, plan, or other document filed or required to be maintained pursuant to these Sewer System Rules and Regulations, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method under these Sewer System Rules and Regulations, shall be guilty of a summary offense as defined by the Pennsylvania Crimes Code, and shall be punished in accordance with the provisions thereof.

#### **Section 5.03 Violation of Rules and Regulations**

Any person found who is found to have violated an order of the Authority, or who willfully or negligently failed to comply with any provision of these Sewer System Rules and Regulations, and the orders, rules, regulations, and permits issued hereunder may be given notice of such violation either personally or by means of the United States mails, and if no action to correct such violation is taken within thirty (30) days of the date of such notice, water to said premises may be shut off or the sewer connection may be removed or closed. Reconnection will not be made until after correction of the violation has been accomplished. The expense of such shut off, removal, or closing and the expense of restoring the water or sewage service shall be a debt due the Authority and/or the Borough and a lien upon the property served and may be filed and collected. Each day on which a violation shall occur or continue shall be deemed a separate and

distinct offense and the violator shall be fined not less than one hundred dollars (\$100) and not more than one thousand dollars (\$1,000) each day for each offense or the current rate as set by Resolution of the Rimersburg Borough Municipal Authority. In addition to the penalties provided herein, the Authority may recover reasonable attorney's fees, court costs, court reporter's fees, and other expenses of litigation by appropriate suit of law against the person found to have violated these Sewer System Rules and Regulations or the orders, rules, regulations, and permits issued hereunder.

#### **Section 5.04 Enforcement**

Rule 42. These rules may be enforced by the Authority, employees, or agents designated by the Authority, or Rimersburg Borough, employees, or agents designated by Rimersburg Borough.

#### **Section 5.05 Power of Inspectors**

The Authorized Agent and other duly authorized employees of the Borough/ Authority shall be permitted to enter all properties for the purpose of inspection, observation, measurement, sampling, and testing in accordance with the provisions of these Rules and Regulations. This is not a blanket authorization and will require due notice to the owners, occupants, or responsible parties.

The Authorized Agent and other duly authorized employees of the Borough/ Authority shall be permitted to enter all private properties within the Authority's Service Area through which the Borough or Authority holds an easement for the purpose of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the Water and/ or Sewer System lying within said easement.

### **ARTICLE VI. APPLICATION FOR SERVICE CONNECTION TO WATER AND/ OR SEWER SYSTEM**

#### **Section 6.01 Application for Service/ Connections to Water and/ or Sewer Systems**

Applications for connection to the public water and/ or sanitary sewage system shall be made to the Borough Secretary (accompanied by a non-refundable application fee for each service as set forth by Resolution) by the owner or their proper authorized agent upon forms to be furnished by the Authority and the Borough. All information requested on said form shall be furnished by the applicant, including the character and use of each structure located upon the property.

Tap fees for each service and a non-refundable application fee for each service as set by separate resolution shall apply in all cases.

#### **Section 6.02 Application for Water Service for a Property with Existing Water Service Line and Meter**

No water and/ or sewer service will be furnished to a new owner of a property, or to a present owner of a property where the water and/ or sewer service has been disconnected for any reason, except upon written application of the property owner on blank forms supplied by the Authority, and after any and all indebtedness of that property to the Authority has been paid.

## **ARTICLE VII. CONNECTION TO WATER SYSTEM**

### **Section 7.01 Connection to Water System**

Upon written application (accompanied by a non-refundable application fee as set forth by Resolution) by the owner or their proper authorized agent, on forms furnished by the Authority, for the immediate and continuous supply of water to premises abutting a public highway, street or right-of-way where an Authority owned water line is located, the Authority will, subject to the provisions of these rules and regulations, install the water service connection to the edge of the property line and the meter or meters to such premises. All costs including the labor and materials for the installation of said water service connection and meter pit, Engineering and/ or Legal review fees, permit fees (eg. Highway Occupancy Permit), equipment, inspection costs, or any other costs associated with the installation shall be borne by the applicant. The water meter will be owned and maintained by the Authority, and its cost shall be borne by the Authority. The responsibility for and cost of connecting the premises to the water service connection and meter pit shall be at the cost of the applicant and will be conducted only in accordance with the Authority's water connection rules and regulations. Only the Authority shall make service connections to its water mains. No service shall be turned on until all of the cost of installation and fees are paid.

Prior to making the tap, the Authority will require a deposit in the full amount estimated for the cost of the installation of the tap. In addition, prior to the Authority making the tap, the owner(s) may be asked to execute a right-of-way document allowing for present and future water lines. Said right-of-way shall be for areas along public roads or through the owner's property.

The water service connection is hereby understood to include the adopted standard as shown in applicable exhibits in the Appendix. In the case where the Authority's water main line is laid in the right-of-way, the service connection by the Authority will be extended to the edge of the right-of-way. The curb stop will be located on the right-of-way, and in no case will the service connection by the Authority extend beyond the right-of-way boundary.

The Authority encourages  $\frac{3}{4}$ "-1" service and supplies a  $\frac{3}{4}$ " meter. If the applicant desires service of a different size, the applicant must provide professional documentation, such as from an engineer or equipment manufacturer, as to why a different size service is required and a low volume water loss mitigation plan for approval. All meters larger than  $\frac{3}{4}$ " are supplied by the applicant/ customer. The Authority reserves the right to refuse service. If the proposed size service is approved by the Authority, the Authority will take ownership of the meter after it is installed according to these rules and regulations and passes Authority inspection. The private and public ownership of the water system transitions at the location of the curb box. The private property owner is responsible for ownership and maintenance of all water line and appurtenances from the curb box to inside the house, building, or premises, with the exception of the water meter, which shall be owned and maintained by the Authority. The private property owner shall be responsible for the installation of the check valves, pressure-reducing valves, and back flow preventers as outlined in the Standard Details and as specified by the Authority. The private property owner may vary from the Standard Details only after a waiver has been completed and signed at the Authority's office and approved by the Authority or their representative.

After any property shall be connected to the public water system, all existing facilities shall be disconnected and any inlet shall be capped or plugged with a watertight seal, if required. Refer to approved detail.

### **Service 7.02 Use of Service Lines and Water Mains**

Service lines may only be used for connections to water mains when the property to be served abuts the street right-of-way containing the water main or a private right-of-way containing the water main. Properties not abutting the location of a water main as noted shall install a water main extension with all appurtenances in a size, type, and location as directed by the Authority in accordance with other applicable sections of these rules.

The Authority reserves the right to permit solely at its own discretion the use of a service line to a property when that property is one or more properties removed from the rights-of-way containing the water mains as outlined above. If the Authority elects to permit a service line to be installed in this instance, a proper right-of-way shall be obtained by the property owner to be connected from the property being crossed. Properties abutting rights-of-way without an installed water main immediately abutting the property, shall install a water main extension for service with all appurtenances in a size, type, and location as directed by the Authority in accordance with other applicable sections of these rules.

### **Section 7.03 Specifications and Details**

Specifications and details relating to the types of materials to be used, installation methods, water main pressure testing, and disinfection methods are included in the Appendix. All service lines shall be in accordance with the most current International Construction Code (as found, as of September 3, 2014, in Chapter 29 specifically) as referenced by PA UCC (PA Uniform Construction Code) standards. The property owner is required to provide service lines and plumbing connections in compliance with the latest specifications within these Rules & Regulations and Appendix within sixty (60) days of any of the following events:

- A. a transfer of ownership of the premises takes place;
- B. the Authority installs a new water main and provides water service to the premises;
- C. a repair of the existing water service is required at the premises;
- D. a request for service restoration to the premises after a vacancy of six (6) months or more;
- E. active water service has not been maintained for at least six (6) of the previous twelve (12) calendar months.

Any water meters that are currently located inside of the foundation walls must be relocated outside of the building within sixty (60) days of the occurrence of any of the above events. The private property owner shall be required to install a meter pit according to the Authority's specifications outside of the building no more than twenty four inches (24") from the curb stop. The private property owner is responsible for replacing the pipe from the curb stop to the new meter pit. The Authority shall then be responsible for removing the existing water meter and installing the meter within the new meter pit. The private property owner shall be responsible for installing new plumbing inside of the foundation walls, including a working shut-off valve as

close to the foundation wall as possible. See typical water service connection detail in Appendix.

If a water leak is discovered between the curb stop and a private property owner's building, the private property owner shall have five (5) days to repair the leak from the time the leak is discovered.

If at any time existing lead water service lines are observed at a premises, the private property owner shall replace the entire water service from the curb stop to the building within sixty (60) days from the time the private property owner is notified by the Authority.

As shown on the drawings provided in the Appendix, all water services shall be:

1. Comprised of polyethylene tubing a minimum of three quarters of an inch (3/4") in diameter (C.T.S. 200 psi);
2. Buried to a minimum depth of forty two inches (42");
3. Buried with detectable tracer wire placed above the water line;
4. Installed within stone bedding according to Standard Details. Stone bedding is not required if the full length of the water line is installed within Schedule 40 casing at least twice the diameter of the waterline;
5. Contain a meter pit located at a maximum of twenty four inches (24") from the curb stop. Meter pit shall be a Tandem Coil Pitsetter (as shown in Standard Details) or approved equal;
6. Contain a working shut-off valve located inside the foundation of the building, as close to the foundation wall as possible.

If at the request by the private property owner, and approved by the Authority, water service may be restored for a period not to exceed sixty (60) days, at which time, the private property owner may complete the required repairs to the water service. If the repairs are not completed within sixty (60) days, the water shall be turned off and the private property owner shall be required to reimburse the Authority for all costs incurred.

If requested by the private property owner, and approved by the Authority, a waiver may be issued for the private property owner to complete work that is not in compliance with Authority standards. The private property owner assumes all responsibility related to this work.

As required by the Authority, a three quarter (3/4) inch or larger individual pressure reducing valve or approved equal shall be installed per applicable exhibits in the Appendix.

Service lines beyond the curb stop into the property desiring service shall be owned and maintained by and at the expense of the property owner and shall be of the quality approved by the Authority. Such private service lines shall be laid not less than forty two (42) inches below the surface and shall not be covered until the tap on the curb box or in the meter pit is made and inspected and such service line tested. Maintenance and repair of frozen service lines is the responsibility of the owner. For all other service lines besides residential, both the type and size shall be determined by the Authority. No service line shall be laid within three (3) feet of any gas pipe, sewer pipe, or any other facility of any public service company nor within three (3) feet of any open excavation, fault, conduit, or vault. All water service piping and appurtenances shall be

installed as outlined in the Authority's Standard Details unless a waiver is requested and signed by the private property owner and approved by the Authority or an Authorized Agent.

Each tap may also be required, at the discretion of the Authority or its representative, to have placed by the consumer on the service line double check valves immediately on the house side of the meter, detectable tracer wire placed above the water line, and a sleeve through the wall where the line enters the house. A functioning shut off valve inside the foundation wall of the property must be installed.

In addition to the above standards, the owner shall install casing pipe around the service line where the service line crosses under a roadway or driveway. Unless obstructed, the casing pipe shall extend a minimum of three (3) feet beyond each edge of the driveway or roadway. The casing pipe shall be PVC (Schedule 40).

Minimum casing diameter shall be two (2) inches for a three quarter (3/4) inch or one (1) inch service line. For service lines greater than one (1) inch in size, the casing pipe diameter shall be a minimum of twice the nominal service line size [i.e. two (2) inch service line requires a minimum of a four (4) inch casing].

The consumer shall supply and install a meter pit at a location approved by the Authority to connect to the service line of the premises that shall be serviced. The meter pit shall meet specifications required by the Authority.

When it is necessary to replace an existing service connection from the main to the curb box, the Authority will replace said service connection in the same location as the old service connection; provided, however, that if the customer for his own convenience desires the new service connection at some other location and agrees to pay to the Authority all expenses of cutting off the old service connection at the main and any other additional expenses incurred by the Authority in complying with said request, then the Authority will install the new service connection at the location desired, if said location is approved by the Authority.

All water service piping and appurtenances shall be installed as outlined in the Authority's Standard Details unless a waiver is requested and signed by the private property owner.

#### **Section 7.04 Asphalt Paving Restoration Requirements**

Disturbed portions of municipal highway, including, but not limited to, slopes and appurtenances and structures such as guide rails, curbs, signs, markings, drain pipes, driveways, and vegetation shall be restored to a condition at least equal to that which existed before the start of any work authorized by the Authority. When a longitudinal opening longer than 100 linear feet is made in a municipal highway, the entity authorized to complete the work shall overlay the entire traffic lane which was disturbed.

#### **Section 7.05 Maintenance of Piping, Etc., on Premises**

The Authority shall in no event be responsible for maintenance of or damage done by water escaping from service line or any other pipe on the outlet side of the curb stop cock and the owner shall at all times comply with State and Municipal regulations in reference thereto, and shall make any changes therein required on account of the street or road grade. In setting, removing, or exchanging meters, the Authority employees will use diligence and care not to



damage adjoining piping, but in which case the adjoining piping has deteriorated to a point where the meter cannot properly be set, it shall be the duty and the liability of the owner to correct such piping as necessary.

Should a leak occur, the private property owner shall have a maximum of five (5) days from the time the leak is detected to repair or install a meter pit. If the private property owner does not resolve the issue within five (5) days, the Authority shall complete the necessary work. The private property owner shall be responsible for reimbursing the Authority for all costs associated with this work.

It is required per PA UCC that all pressure tanks or other equipment subject to collapse from vacuum be equipped with a valve set to automatically break the vacuum at times when water is shut off from the street main.

#### **Section 7.06 Authority Controls Curb Stop/Meter Pit**

The Authority through its authorized representatives reserves the sole right to turn on or off the curb stop. Violation of this rule will make the consumer liable to penalties as provided for under Rule 9, as well as criminal penalties where applicable in accordance with the National Infrastructure Protection Plan.

#### **Section 7.07 Cross Connections, Plumbing Details, Inspection of Premises**

Cross connections with any other water supplies or connections to tanks, containers, or other apparatus made in such a way that there will be a possibility of nonpotable liquids, or other materials entering the water lines, either with the water pressure on or in case the water pressure should be off are not permitted. A cross connection shall be considered broken if a minimum air gap of six (6) inches is provided between the public water and any unapproved supply.

All service lines, meters, and fixtures, including any and all fixtures and water piping within the premises receiving the supply of water shall at all reasonable hours be subject to inspection by any authorized representative of the Authority.

### **ARTICLE VIII. CONNECTION TO SEWER SYSTEM**

#### **Section 8.01 Connections to Sewer System**

The required tap connection and inspection fee that is set forth by Rimersburg Borough Municipal Authority Resolution shall be paid at the time of making application for permission to make a connection. No work shall commence before the payment of the aforementioned tap connection and inspection fee in issuance of the aforementioned connection permit.

Unless written permission is obtained from the Authority, separate sewer connections and corresponding tap connection and inspection fees will be required for each individual occupied building, condominium, or premises whether constructed as a detached unit or as one of a pair or row, but a single connection may be permitted to serve a school, factory, apartment house, or other permanent, multiple unit structure whose individual apartments or unit may not be subject to separate ownership.

Connections to sanitary sewers shall be completed within sixty (60) calendar days after receipt of proper notice as set forth in the applicable connection regulations. All connections to the public sanitary sewage system shall be subject to certain restrictions as to unacceptable sanitary sewage which are described and set forth herein. The Authorized Agent and/or the designated Inspector of the Borough shall be given at least twenty four (24) hours notice of the time when such work will be performed in order that said Inspector can be present to install the wye or saddle and to inspect and approve the building sewer and building drain. The Inspector shall signify his approval of the work by endorsing his name and the date of approval on the aforementioned connection permit in the possession of the permittee(s).

At the time of the inspection of the work, the owner(s) of property/ies shall permit the Inspector full and complete access to all sanitary and drainage arrangements and facilities in each building and in and about all parts of the property/ies. No building sewer line shall be covered over or in any manner concealed until after it is inspected and approved by said Inspector.

It is the intention of these Sewer System Rules and Regulations that the entire work in total be inspected at one time, however, if the property owner feels special conditions warrant more than one inspection, or if the property requires more than one inspection in the opinion of the Authorized Agent, an additional fee will be charged for each inspection.

#### **Section 8.02 Specifications for Connections to Sanitary Sewer System**

Specifications and details relating to the types of materials to be used, installation methods, testing, and disinfection methods are included in the Appendix. All pipe installed between buildings and sewer main shall be plastic pipe, of the kind and quality hereinafter specified, and of at least four inches (4") inside diameter. The ground shall be firm and provide a good foundation. Plastic pipe shall be PVC or other material approved by the Authorized Agent. Couplings for pipe shall conform to the standards of the manufacturer of the pipe with which the couplings will be used. Laterals larger than four inches (4") inside diameter may be required by the Borough depending upon the projected flows from a building. PVC pipe may be either glued jointed Schedule 40 or gasketed jointed SDR 35 conforming to ASTM-3034.

Building's sanitary drain pipe shall be equipped with back flow device if, in the opinion of the private property owner, such device be warranted.

All sewer pipe shall be installed in strict accord with the manufacturer's recommendations and the Standard Details of the Authority.

All 4-inch pipe shall be installed with a minimum slope of 1/4" per foot and a recommended minimum cover of four feet (4'). All 6-inch pipe shall be installed with a minimum slope of 1/8" per foot and a recommended minimum cover of four feet (4'). All pipe shall be laid to an even grade and straight alignment to the public sanitary sewer. All pipe shall be laid with full and even bearing and no clock supports will be allowed. Bell holes shall be dug to allow sufficient space to properly make each joint. Back fill shall be tamped uniformly around the pipe. All work shall be done in a workmanlike manner and shall provide a durable installation.

All building sewers shall contain a trap according to the specifications shown in the Standard Details.

A minimum four inch (4") clean out shall be installed a maximum of five feet (5') from the building. The Authority highly recommends clean outs every seventy five feet (75') along the building sewer.

The private property owner is required to install the above listed connections unless a signed waiver is obtained by the Borough Secretary, and the property owner assumes all liability in the event of issues in the future. A waiver may be used to address the following items:

- A. options for trap installation;
- B. clean-out spacing greater than seventy five feet (75');
- C. waterlines less than forty two inches (42") deep.

The clean out shall be so situated as not to allow the discharge of any surface water to the sanitary sewer.

Grease, oil, and sand interceptors shall be provided when, in the opinion of the Authorized Agent/ Authority, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts or any flammable wastes, sand, or other harmful ingredients except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Authorized Agent / Authority, and shall be located as to be readily and easily accessible for cleaning and inspection.

Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.

### **Section 8.03 Asphalt Paving Restoration Requirements**

Disturbed portions of municipal highway, including, but not limited to, slopes and appurtenances and structures such as guide rails, curbs, signs, markings, drain pipes, driveways, and vegetation shall be restored to a condition at least equal to that which existed before the start of any work authorized by the Authority. When a longitudinal opening longer than 100 linear feet is made in a municipal highway, the entity authorized to complete the work shall overlay the entire traffic lane which was disturbed.

### **Section 8.04 Discharge of Sanitary Sewage to Public Sanitary Sewer System Required**

All persons owning any occupied building now erected within 150' of a sewer system within the Authority's Service Area upon premises accessible to the public sanitary sewage system shall, at their own expense, make connection with the public sanitary sewage system in accordance with the applicable connection regulations in effect in the Authority's Service Area if they are not presently so connected.

All persons owning premises within the Authority's Service Area accessible to the public sanitary sewage system upon which an occupied building is subsequently erected shall, at the time of erection of such building and at their own expense, make connection, in conjunction with Authority personnel, with the public sanitary sewage system in accordance with the applicable connection regulations in effect in the Authority's Service Area.

It shall be unlawful to discharge to any natural outlet within the Authority's Service Area, or in any area under the jurisdiction of the Borough, any sewage or other polluted waters.

After any property shall be connected to the sanitary sewer system, all previous sewer connections or on-lot systems including existing cesspools, privies, vaults, septic tanks, cisterns or other depositories shall be disconnected and any inlet shall be capped or plugged with a watertight seal, if required. Refer to approved detail.

Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended for the disposal of sewage within the Service Area.

No privy vault, cesspool, septic tank, hole or similar receptacle for human excrement shall presently or at any time hereafter be connected with the public sanitary sewage system.

All persons owning any occupied buildings within the Service Area of the Authority upon premises which subsequently become accessible to the public sanitary sewage system shall, at their own expense, make connection with the public sanitary sewage system within the time period stipulated herein after proper notice to do so has been given.

All connections to the public sanitary sewage system shall be made in accordance with these rules and regulations and applicable exhibits in the Appendix.

The property owner is required to provide service lines and plumbing connections in compliance with the latest specifications within these Rules & Regulations within sixty (60) days of any of the following events:

1. a transfer of ownership of the premises takes place;
2. the Authority installs a new sewer main and provides service to the premises;
3. a repair of the existing sewer service is required at the premises;
4. a request for water service restoration to the premises after a vacancy of six (6) months or more;
5. active water service has not been maintained for at least six (6) of the previous twelve (12) calendar months.

At the time of any of these events, if a sewer service line is utilized by more than one customer, it is the responsibility of all customers connected to the service line to make the needed upgrades to be in compliance with these rules and regulations.

#### **Section 8.04 Private Sewage Disposal**

At such time as a public sewer becomes available to a property served by a private sewage disposal system of any type, a direct connection between building and sewer shall be made to the public sewer in compliance with these Sewer System Rules and Regulations and any septic tanks, cesspools, and similar private disposal facilities shall be disconnected. Private sewage disposal systems do not need to be removed, but a plug shall be installed in both the inlet and outlet of the septic tank after connection to the municipal sanitary system.

## **ARTICLE IX. SHARED WATER OR SEWER SERVICES**

### **Section 9.01 Multiple Meters for One Premises**

It is generally advantageous for both the Authority and the consumer to have one service line and meter to a premises or industry. In special instances, such as particularly large industrial consumers or apartment houses, multiple meters and even multiple service lines may be permitted; each case must be given special consideration by the Authority. However, each property owner shall understand that every meter is considered as a separate account and will be subject to the schedule of rates as contained in these rules, and that the average cost per unit of water consumed will be greater than if it were all consumed through one meter. The foregoing is not intended to alter the water service charge imposed by the Authority from time to time with respect to water service provided. Water meters for individual units within an apartment building or structure with multiple living units shall be fitted with a locking influent valve in accordance with the Standard Details.

### **Section 9.02 Multiple Premises for One Service Line or Meter**

In general, it is desirable and will be required, that each premises have a separate service line and meter. New installations of two or more premises on one service line or meter will not be permitted except upon written approval of the Authority made after thorough investigation of the conditions. In such cases where the Authority approves multiple users on one service line, the users shall conform to the following:

- A. The new user shall pay the appropriate tap fee.
- B. Curb stops shall be placed on all individual service lines if possible.
- C. A right-of-way agreement shall be granted by the old user(s) to the new user. This agreement shall be of a type acceptable to the Authority and be recorded.

When the time comes for discontinuing the non-conforming use or agreement, the user shall have sixty (60) days after notification from the Authority to bring the service(s) into conformance with the rules and regulations.

- A. Whenever the Authority shall build a water main near users on single service lines, the Authority shall tap them onto the new line.
- B. Separate meters shall be placed to the maximum extent possible.

Residential buildings containing two or more residential units may have the option to place the units on one shared water service with one master meter pit installed to current specifications

In cases where there are two or more existing users on a single service line and a single meter, each user or dwelling unit shall be billed the appropriate and prevailing minimum monthly water charge with the metered quantity over the monthly allowance(s) being billed to the principal meter account as determined by the Authority.

When two or more premises are supplied through a single service, any violation of the rules of the Authority with reference to either or any of the said consumers shall be deemed a violation as to all and the Authority will enforce compliance with these rules by shutting off the entire

service; except that such action shall not be taken until the innocent consumer, who is not in violation of the Authority's rules, has been given thirty (30) days to attach his pipes to a separately controlled curb stop.

## **ARTICLE X. NON-CONFORMING USES/ SERVICES/ PREMISES/ PROPERTIES**

### **Section 10.01 Conformance to Current Specifications**

The Authority recognizes that there may be conflicts between existing facilities and the rules and regulations as contained herein. The Authority reserves the right to allow nonconforming uses or agreements to continue. The determination for continuance shall be made solely by the Authority on each individual case as it is brought to the Authority's attention by a written request.

These exceptions shall be permitted to exist until:

- A. a transfer of ownership of any of the affected properties takes place;
- B. the Authority installs a new water and/ or sewer main and provides water and/ or sewer service to the premises;
- C. a repair of the existing water and/ or sewer service is required at any of the affected properties;
- D. service restoration is requested after an owner vacates a premises for six (6) months or more and water and/ or sewer service has been terminated;
- E. active water and/ or sewer service has not been maintained for at least six (6) of the previous twelve (12) calendar months.

When the time comes for discontinuing the non-conforming use or agreement, the user shall have sixty (60) days to bring all applicable services into conformance with the rules and regulations. At the time of any of these events, if a water and/ or sewer service line is utilized by more than one customer, it is the responsibility of all customers connected to the service line to make the needed upgrades to be in compliance with these rules and regulations.

## **ARTICLE XI. MAINTENANCE OF WATER OR SEWER LINES, EQUIPMENT**

### **Section 11.01 Maintenance of Lines Including Flushing**

The Authority will perform activities that are intended to remove accumulated sediment from the water distribution system. This activity is commonly called "Flushing" and is likely to temporarily increase turbidity, or discoloration, in the water supply. Flushing will be undertaken on a regular basis as recommended by the American Water Works Association (AWWA). This activity commonly occurs at hydrants within the system.

### **Section 11.02 Location, Accessibility of Meters and Meter Seals**

All meters shall at all times be accessible to the Authority and subject to its control. The meter shall be located at a point approved by the Authority so as to control the entire supply; at a proper place and protection thereof which shall be provided by the private property owner. The private property owner shall permit the installation of a remote reader system on the water meter.

Water meters for individual units within an apartment building or structure with multiple living units shall be fitted with a locking influent valve in accordance with the Standard Details.

### **Section 11.03 Maintenance and Replacement of Service Lines and Meters**

The routine testing, maintenance, repair, and replacement of meters, shut-offs at the curb stop, curb box, corporation stop on the street main, and the service line between the corporation stop and the curb stop due to normal wear and action of the water and the elements will be made by the Authority at its own expense. Maintenance, repair, and replacement of the meter pit shall be the responsibility of the private property owner.

In case of damage to the meter by reason of any act or omission by others such as damage occasioned by fire, frost, hot water, excavation, snow removal, or misuse, the consumer shall pay to the Authority the cost of its repair and replacement upon presentation of bill therefore.

### **Section 11.04 Quantity Recorded on Meter**

The quantity recorded by the meter shall be conclusive and binding on both the consumer and the Authority, except where the meter has been found to have ceased to register correctly; in which case the quantity used during a previous corresponding period or average of periods may be used as a basis for settlement at the discretion of the Authority.

### **Section 11.05 Meter Testing Upon Consumer's Request**

In case of a disputed account involving the accuracy of a meter, such meter shall be tested upon the request of the consumer in accordance with the procedure outlined by the Pennsylvania Public Utility Commission. In the event that the meter so tested is found to have an error in registration of four percent plus or minus or more, the current bill will be increased or decreased accordingly. Each request for the test of a meter for accuracy shall be accompanied by a deposit, the amount of which shall be as follows, or the current rate as set by Resolution of the Rimersburg Borough Municipal Authority:

- A. 5/8" at current rate charged by testing laboratory;
- B. 3/4" at current rate charged by testing laboratory;
- C. 1" at current rate charged by testing laboratory;
- D. 1-1/4" at current rate charged by testing laboratory.

If the meter so tested shall be found to have an error of less than four percent, the deposit shall be retained by the Authority. If the error in registration is found to be four percent or more in favor of the consumer, the cost of the test shall be borne by the Authority and the amount of the deposit shall be returned to the consumer.

## **ARTICLE XII. MAIN EXTENSIONS**

### **Section 12.01 Water Main Extension Outside Corporate Boundary**

Water main extensions to serve property owners outside the corporate limits of Rimersburg Borough will only be made after an equitable agreement is reached between the applicable Municipality and the Authority.

## **Section 12.02 Water Main Extensions**

All water main extensions should be constructed as follows:

6. within the Authority service area or communities where the Authority has service agreements;
7. by the Authority, to be done by whatever legal principles apply at the time, and by majority vote of the Authority;
8. by individuals, groups, subdividers, and developers when all of the following criteria are met:
  - (a) A written application shall be made by the developer with information of name, address, location of proposed water main extension, maximum number of users, names and addresses of all users, and all other information as shall be required by the Authority and its Authorized Agent. Developer shall sign and agree to Developer Agreement provided in the Appendix of these Water Rules and Regulations.
  - (b) Before construction can proceed, the developer shall submit to the Authority rights-of-way as required. Rights-of-way shall be approved by the Authority's Solicitor and the Authority. Plans and specifications of the water main extension proposed as to the Authority's current standard per the Authority's Authorized Agent shall be approved by the Authorized Agent and the Authority.
  - (c) Written approval from the Authority for construction to start is required as is a statement from the developer agreeing to abide by and to all the provisions of these rules and regulations. The construction by the developer shall be inspected by a representative of the Authority, and costs of said inspection shall be paid by the developer.
  - (d) Said rights-of-way shall be twenty (20') feet in width, said water main extension shall be planned in all its details under the supervision of the Authority with due consideration for the requirements of the applicant and for potential future expansion and requirements in the general area of the immediate extension.
  - (e) The developer agrees in writing to give ownership of all rights-of-way, water mains, valves, blow offs, fire hydrants, service lines including corporation stop, curb stops and boxes, meters, meter pits, etc. to the Authority for \$1.00. Upon completion of the construction by the developer, the Authority will require that all the water lines be pressure tested and disinfected in accordance with applicable AWWA and DEP standards. Any defects found during testing shall immediately be remedied by the developer and the lines shall then be retested. Upon completion of satisfactory testing, the Authority shall issue to the developer a written preliminary acceptance for the water lines into the Authority's system with service to all customers beginning and water service charges due in accordance with rates in effect at that time. From the date of that written notice by the Authority, a two (2) year maintenance period shall begin. The Authority will require a maintenance bond from the developer. Defects occurring within the two (2) year period shall be remedied by the developer



immediately at no cost to the Authority. Defects left unattended after three (3) days from their occurrence or from receipt of written notice from the Authority shall be corrected by the Authority with the developer responsible for the cost of repairs. Repairs shall be charged, billed, and collected under the terms of these rules and regulations.

- (f) At the end of the maintenance period, the Authority shall either accept or reject the water lines. The decision shall be given to the developer in writing. If rejected, the developer shall make corrections as directed by the Authority. If accepted, from that time on the Authority is the Owner/ Operator of said water mains, and responsible for setting user rates. Also, upon acceptance, the developer is released from any further maintenance.
- (g) The developer understands that all users shall be subject to the current water user rates in effect with no reduction.

9. Fire hydrants shall be placed as directed by the Authority's Authorized Agent.

10. Approval from the Borough of Rimersburg shall be obtained where applicable by the Authority.

### **Section 12.03 Asphalt Paving Restoration Requirements**

Disturbed portions of municipal highway, including, but not limited to, slopes and appurtenances and structures such as guide rails, curbs, signs, markings, drain pipes, driveways, and vegetation shall be restored to a condition at least equal to that which existed before the start of any work authorized by the Authority. When a longitudinal opening longer than 100 linear feet is made in a municipal highway, the entity authorized to complete the work shall overlay the entire traffic lane which was disturbed.

### **Section 12.04 Water for Construction Purposes**

A temporary water supply for building or other construction purposes may be obtained upon making a written request to the Authority and making a \$50.00 deposit. All water used through a temporary connection will be billed to the applicant at the regular Authority rates and at such intervals as the Authority deems advisable. In addition, the applicant must pay all labor costs of installation and removal of said temporary connection, plus the cost of all materials and meters used. In making the final billing for a temporary connection, the \$50.00 deposit will be credited to the applicant, or, should the final billing be less than \$50.00, the balance will be refunded to the applicant.

## **ARTICLE XIII. FIRE HYDRANTS**

### **Section 13.01 Fire Protection**

Fire hydrants for public fire protection service may be located, installed, and maintained under the terms of the contract between the Authority and the officials of the political subdivision in which any hydrant may be located.

Private fire protection service may be provided by the Authority at the request and expense of the customer.

Service connections for any fire protection service shall be of a diameter as shall be determined solely by the Authority.

No cross connection shall be made between any service connection installed for public or private fire protection service and any service connection providing other water service to a customer.

Water from public or private fire hydrants or other fire protection systems shall be used only in case of fires, except that water from public fire hydrants may be used, in a reasonable amount, for the purpose of testing the hydrants and fire fighting apparatus, such tests to be conducted only by the properly authorized agents or employees of the Authority. No public fire hydrant shall be used for the sprinkling of streets, roads, alleys, for the flushing of sewers or gutters or for any purpose other than fire protection, unless specifically permitted in writing by the Authority for the particular time and occasion.

Every customer and/or property owner, by the taking of water, understands and agrees that the Authority assumes no liability as an insurer of property or persons, and that the Authority, by providing public and/or private fire protection service, does not contemplate any special service, pressure, capacity, or facility other than that ordinarily provided in normal operation. The Authority declares, and each and every customer and/or property owner agrees, that the Authority shall be free and exempt from any and all claims for injury or damage to persons and/or property by reason of fire or water or failure to supply water, pressure, or capacity.

### **Section 13.02 Fire Hydrants**

No person except Firemen, Authority Employees, or the Authority's designated representatives in the course of their regular duties, shall open a Fire Hydrant.

No person shall do anything to obstruct the visibility or accessibility of fire hydrants.

### **Section 12.03 Private Fire Connections**

All costs of installation, maintenance, and replacement of a private fire system shall be the property owner's responsibility.

It shall be agreed by the property owner that no water consumption will be taken from his fire protection system except that which is required for filling elevated fire protection tanks, flushing hydrants, underground fire lines, and sprinkler systems or testing hose and other parts of the fire protection system. Water used for these purposes shall be metered and billed to the property owner accordingly.

The Authority shall require that private fire protection systems be kept free from leaks and that when a leak develops it be repaired promptly. Where leaks go unattended or uncorrected, the Authority shall bill that user an amount to cover the lost water and service and, at its sole discretion, terminate service until satisfactory repairs are made.

Where a private fire protection system connected directly to the Authority's main has an auxiliary supply in the form of an elevated tank which is maintained full of city water, a check valve and/or back flow preventer will be required near the point where said system taps off of the Authority main.

Where a private fire protection system has an auxiliary supply from a source which is non-potable, a direct connection from the Authority's mains will not be permitted. However, provision for filling an elevated tank of a fire system with city water by a line extending over the top of tank will be permissible with the approval of the Authority and its Authorized Agent.

## **ARTICLE XIV. CUSTOMER, PROPERTY, PREMISES CLASSIFICATIONS**

### **Section 14.01 Definitions and Classes of Consumers**

Rates for the following uses shall be billed in accordance with the rates in effect at the time:

#### **1. Residential**

- (a) A Residence is defined as any building or structure used as a home or residence, with a separate meter for each dwelling unit (a dwelling unit being any room, group of rooms, enclosure, etc., occupied or intended for occupancy as a separate living quarters by a person, family, or other groups of persons living together, provided the same shall have a separate bathroom, washroom, or toilet facilities).

#### **2. Commercial**

- (a) Commercial Establishments are defined as any building or structure occupied or used entirely or in part for commercial purposes, either for services or sales with or without a dwelling unit in the same building.
- (b) Industrial Establishments are defined as any building or structure occupied or used entirely or in part for industrial purposes or for manufacturing with or without a dwelling unit in the same building.
- (c) Trailer Parks are defined as two or more mobile or stationary trailers occupied or used as homes, residences, or for commercial purposes, and located adjacent to each other on land of a common owner.

### **Section 14.02 Classification Changes**

A new application must be made to and approved by the Authority upon any change in classification of a customer, property, or premises, or upon any change in type or purpose of water and/ or sewer service required by a customer. The Authority, upon seven (7) days written notice, may discontinue water and/ or sewer service until such new application has been made and approved. The Authority may change classifications as the need arises.

### **Section 14.03 Existing Structures with Classification Changes**

Redevelopment or remodeling to an existing structure that changes the classification of use of the structure from its existing use shall conform to the same development rules and standards outlined in these Rules and Regulations. Any water and/ or sewer mains, valves, blow offs, fire hydrants, service lines including corporation stop, curb stops and boxes, meters, meter pits, clean outs, inspection T's, etc. shall be installed at the sole expense of the developer.

## **ARTICLE XV. PROTECTION FROM DAMAGE**

### **Section 15.01 Protection from Damage**

No unauthorized person shall maliciously, willfully, or negligently break open, damage, uncover, deface, destroy, or tamper with any structure, water, sewer, manhole, pumping station, appurtenance, or equipment which is a part of the Water and/ or Sewer System or water and/ or sewage treatment works. No person shall introduce any substance, material, debris, etc. to the water and/ or sewer system that may cause operational issues with any portion of the Authority's system. Any person violating this provision shall be subject to immediate arrest by the Borough under charges including, but not limited to, disorderly conduct as well as subject personally to the penalties provided in these Water and/ or Sewer System Rules and Regulations and all other applicable laws.

Damage to a water meter resulting from private property owner carelessness will be repaired by the Authority at the private property owner's expense.

### **Section 15.02 Thawing of Frozen Service Lines and Other Construction**

It shall be the responsibility of the user, owner, or his agent to notify the Authority or its representative when the user plans to be working on or near the Authority's lines or facilities. This is extremely important when thawing out frozen service lines either by welder or other methods. Proper procedures shall be obtained from the Authority as to safeguard the Authority's facilities.

## **ARTICLE XVI. WATER AND/ OR SEWER RIGHTS OF WAY**

### **Section 16.01 Clearance of Authority Rights-Of-Way**

For all Authority rights-of-way, there shall be no obstacles placed upon them. Obstacles shall include but not be limited to shrubs, trees, fences, fill materials such as soil, stone, rubble, buildings, pools, and structures of any kind. Other utilities, which from time to time may obtain permission to use an Authority right-of-way, shall be liable for all damage done to the premises including all appurtenances (tanks, pump stations, valves, pipe, etc.) owned by the Authority.

In no instance shall any person remove the soil cover above any lines in an Authority right-of-way. Any exceptions to the above must have written approval and conditions set forth by the Authority. Any obstructions on a right-of-way may be removed at any time without owner's permission and also at his expense from placing anything which may interfere with the maintenance and upkeep of the water line by the Authority.

### **Section 16.02 Service Line Rights-Of-Way**

Taps for potential users whose service lines must cross the property of persons other than the owner of the premises to be supplied will not be granted until the owner of the premises to be supplied obtains a right-of-way for his service line which is acceptable to the Authority and properly recorded. Meters shall be located at the edge of the right-of-way where the main water line is located, at the location approved by the Authority.

## **ARTICLE XVII. CAPPING OFF REQUIREMENTS**

### **Section 17.01 Capping Off Water Service**

Within one (1) year of discontinuing water service, the private property owner must cap or plug the existing service at the curb box or meter pit in accordance with the Standard Details of the Authority or re-establish water service. If not capped off or service resumed at the one- year deadline, the existing service will be capped off by the Authority and billed to the owner.

Municipal liens will be placed on the property for all unpaid amounts. Should a property owner desire to restore service, all applicable upgrades will be required. There will be no tap fee to restore service to an existing tap. However, if any upgrade or repair is necessary from the main tap to the curb box or meter pit to restore service after one (1) year of no service, the property owner will pay all materials and labor.

### **Section 17.02 Capping Off Sewer Service**

Within one (1) year of discontinuing sewer service, the private property owner must cap or plug the existing sewer lateral at the property line in accordance with the Standard Details of the Authority or re-establish sewer service. If not capped off or service resumed at the one- year deadline, the existing sewer lateral will be capped off by the Authority and billed to the owner.

Municipal liens will be placed on the property for all unpaid amounts. Should a property owner desire to restore service, all applicable upgrades will be required. There will be no tap fee to restore service to an existing tap. However, if any upgrade or repair is necessary from the main tap to the property line to restore service after one (1) year of no service, the property owner will pay all materials and labor.

## **ARTICLE XVIII. COSTS OF MISCELLANEOUS SERVICES**

### **Section 18.01 Authority Formula for Determination of Costs of Miscellaneous Services**

Work performed by the Authority or its agents which is deemed by the Authority to be the responsibility of the consumer or owner shall be billed by the following:

- A. The cost of materials delivered to the site shall be paid by the Authority and reimbursed by the private property owner, plus 10%. Attorney, Engineer, and Authorized Agent Fees shall be paid by the Authority and reimbursed by the private property owner.
- B. The cost of labor shall be paid by the Authority and reimbursed by the private property owner at the actual rate of each employee.

All equipment costs shall be paid by the Authority and reimbursed by the private property owner at the rate paid by the Authority or at the standard rate set by FEMA (as amended from time to time) for each piece of equipment. It is intended that the above percentages which are to be added to the cost of labor and materials will on the average, compensate the Authority for use of tools, overhead on direct labor, general and administrative overhead, and billing, all of which are a necessary part of the Authority's cost of performing that work, but which are impractical to bill in any other manner.

It is highly recommended that consumers hire private contractors to perform work which is their responsibility.

All bills for work performed shall be subject to payment in full within thirty (30) days of billing. All bills outstanding will receive a ten percent (10%) penalty, or the current rate as set by Resolution of the Rimersburg Borough Municipal Authority, and be subject to collection procedures as outlined in Rules 3-9.

## **ARTICLE XIX. CHANGES, VALIDITY, REPEALER**

### **Section 19.01 Changes of Rules and Regulations**

The Authority reserves the right to change or amend from time to time these rules and regulations and the rates for the use of water and/ or sewer systems. Such changes shall be proposed at a regularly scheduled meeting, thence acted upon by resolution at the next regularly scheduled meeting. Any modification, repeal, supplement, or amendment of these rules and regulations shall be applicable to and shall govern customers receiving water and/ or sewer service upon the effective date of such modification, repeal, supplement, or amendment as well as future customers unless noted otherwise in a particular section.

### **Section 19.02 Variances of Rules**

No officer, agent, or employee of the Authority shall have the right or authority to vary these Rules and Regulations or bind the Authority by any promise, agreement, or representation contrary to the letter or intent of these Rules and Regulations.

### **Section 19.03 Repealer**

These Rules and Regulations adopted by Resolution specifically repeal all prior Water and Sewer System Rules and Regulations or parts thereof and any other prior motions, resolutions, or policies which herewith are contrary or inconsistent.

### **Section 19.04 Validity**

Further, the invalidity of any section, clause, sentence, or provision of these Water and Sewer System Rules and Regulations shall not affect the validity of any other part of them which can be given effect without such invalid part or parts, and if any one or more of the provisions of this set of Water and Sewer System Rules and Regulations shall for any reasons be held to be illegal or invalid or otherwise contrary to law, then such provisions shall be null and void and shall be deemed separable from the remaining provisions hereof, but shall in no way otherwise affect the validity of these Water and Sewer System Rules and Regulations.

### **Section 19.05 Savings**

All prior motions, resolutions, or policies not inconsistent herewith are hereby expressly preserved and maintained, and remain in full force and effect.

**These Water and Sewer System Rules and Regulations are hereby RESOLVED AND ADOPTED** at a regularly scheduled and duly held meeting of the **Rimersburg Borough Municipal Authority THIS 4<sup>th</sup> DAY OF MAY 2022.**

**These Water and Sewer System Rules and Regulations are hereby RESOLVED AND ADOPTED** at a regularly scheduled and duly held meeting of the **Rimersburg Borough Council THIS 6<sup>th</sup> DAY OF JUNE 2022.**

Respectfully Submitted,

Dana L. Solida  
Borough Secretary

# APPENDIX



# PRESSURE TESTING AND DISINFECTION

## PRESSURE TESTING & DISINFECTING WATER MAINS

### PART 1 GENERAL

#### 1.01 DESCRIPTION

A. The Specification Includes, but is not limited to:

1. Testing Water Main Pipeline:
  - a. Hydrosatic pressure testing
2. Disinfecting:
  - a. Bacteriological testing

#### 1.02 QUALITY ASSURANCE

A. Testing Agency:

1. Bacteriological testing shall be performed by a testing laboratory engaged and paid for by the Contractor, Extender, or Developer and approved by the Engineer.

B. Reference Standards:

1. American Water Works Association (AWWA):  
C651- Latest Edition Standard for Disinfecting Water Mains

C. Test Acceptance:

1. No test will be accepted until the results are below the specified maximum limits.
2. The Contractor shall, at his own expense, determine and correct the sources of leakage and retest until successful test results are achieved.

#### 1.03 SUBMITTALS

A. Test Procedures:

1. Submit a testing sequence schedule including a list of testing equipment to be used.

B. Certificates:

1. Submit, prior to starting testing, certification attesting that the pressure gauges to be used have been calibrated and are accurate to the degree specified in Part 2, Products.
2. Submit certification attesting that the chlorine form composition is as specified.

C. Test Reports:

1. Submit two copies of laboratory test reports of each bacteriological test.

## PART 2 - PRODUCTS

### 2.01 HYDROSTATIC TEST EQUIPMENT

Hydro pump  
Pressure hose  
Test connections  
Water meter  
Pressure gauge, calibrated to 0.1 lbs./sq. in. and scale increments of 5 psi from 0 - 200 psi  
Pressure relief valve

### 2.02 DISINFECTING CHEMICALS

- A. Liquid chlorine, calcium hypochlorite, or sodium hypochlorite conforming to AWWA Standards B300 and B301 -Latest Edition.

## PART 3 - EXECUTION

### 3.01 PREPARATION

- A. Provide the water line under test with reaction thrust blocking. Hydrostatic testing shall not begin until the concrete thrust blocking has set. Allow 2000 psi 28-day strength concrete to set (cure) for a minimum of 7 days prior to testing. If (H.E.S.) 3000 psi 3-day strength concrete is used, hydrostatic testing may not begin until the concrete has set a minimum of 2 days.
- B. Provide pumps, piping, tanks, connections, polyurethane plugs, and appurtenances at no additional expense to the Owner. The Owner will provide the necessary water.

### 3.02 TESTING WATER LINES

- A. Hydrostatic Testing:
1. Test each newly installed section of water line by hydrostatic test procedure in accordance with the recommended practice established by



AWWA, Standard C600, Section 4.

2. Conduct pressure tests for a period of not less than 30 minutes at a pressure of not less than 1.5 times the working pressure based upon the elevation of the lowest point in line under test corrected to the elevation of the test gauge. Obtain test pressure from the Engineer. The test pressure shall hold for 30 minutes.
3. Slowly fill the section to be tested with water, expelling air from the pipeline at the high points. After all air is expelled, close air vents and corporation stops and raise the pressure to the specified test pressure.
4. Observe joints, fittings and valves under test. Remove and renew cracked pipe, joints, fittings, and valves showing visible leakage. Retest.

### 3.03 DISINFECTION

#### A. General:

1. After completion of satisfactory pressure testing, disinfect the water pipelines in accordance with the recommended practice established in AWWA Standard C651. Conduct water line disinfection in the following steps:
  - a. Preliminary flushing
  - b. Chlorine application
  - c. Final flushing
  - d. Bacteriologic tests

- B. During construction, place calcium hypochlorite granules at the upstream end of the first section of pipe, at the upstream end of each branch main, and at 500 ft. intervals. Refer to AWWA C651 for quantity of granule to be used.

#### C. Preliminary Flushing:

1. Prior to disinfection, except when the tablet method is used, fill the line to eliminate air pockets and flush the line at a rate of flow of 2.5 feet per second to remove particulates. Refer to AWWA C651 for rate of flow to produce 2.5 fps in pipe of various sizes.
2. Dispose of flushing water.

#### D. Chlorine Form:

1. The chlorine form to be applied to the system shall be either chlorine gas solution, calcium hypochlorite or sodium hypochlorite. The Engineer's written approval of the chlorine form to be used is required.

#### E. Chlorine Application:

1. Continuous Feed Method:

- a. The continuous feed method consists of placing calcium hypochlorite granules in the main during construction, completely filling the main to remove air pockets, flushing to remove particulates, and filling the main with potable water chlorinated so that after a 24-hour holding period in the main there will be a free chlorine residual of not less than 10 mg/L.
- b. Feed water and chlorine to the line at a constant rate such that the water will have not less than 25 mg/L free chlorine. Chlorine application shall not cease until the entire line is filled with heavily chlorinated water.
- c. During chlorine application, take precautionary measures to prevent the concentrated treatment solution from flowing back into the existing distribution system and/or supply source.

2. Tablet Method:

- a. The tablet method consists of placing calcium hypochlorite granules and tablets in the water main as it is being installed and then filling the main with potable water when installation is completed.

NOTE: Since the preliminary flushing step must be eliminated, this method may be used only when scrupulous cleanliness has been exercised and only with approval of the Engineer. It shall not be used if trench water or foreign material has entered the main, or if the water temperature is below 41 F.

- b. During construction, place sufficient number of 5 g calcium hypochlorite tablets in each section of pipe, in hydrants, hydrant branches, and other appurtenances to obtain a minimum of 25 mg/L available chlorine. Attach tablets to the crown of pipe sections with adhesive. Apply adhesive only to the broad side of the tablet next to the pipe surface. Refer to AWWA C651 for the proper number of 5g calcium hypochlorite tablets required.
- c. When pipeline installation is completed, fill the main with water at a maximum velocity of one foot per second. This water shall remain in the pipe for at least 24-hours. Manipulate valves so that the chlorine solution does not flow back into the line supplying the water.

3. During the 24-hour treatment, operate all valves, curb stops, and hydrants



in the section treated.

4. At the completion of the 24-hour treatment, the treated water in all portions of the main shall have a residual of not less than 10 mg/L free chlorine.
5. Repeat the disinfection process until the minimum available chlorine is present at the end of the treatment sequence. The tablet method cannot be used in these subsequent disinfections. No additional compensation will be provided the Contractor for repeat treatment or testing.

F. Final Flushing:

1. Flush the heavily chlorinated water from the system under treatment until the chlorine concentration in the water leaving the system is no higher than that generally prevailing in the system or is acceptable for domestic use.
2. Comply with Federal, State and local laws when discharging the flushed chlorine solution.

G. Bacteriological Testing:

1. After final flushing is completed and before the water main is placed in service, test the line for bacteriologic quality. Perform two tests 24-hours apart.
2. Collect a minimum of one sample at the end of each line for each test, and one sample of the incoming water from the existing water system for comparison.
3. Collect samples in sterile bottles treated with sodium thiosulphate.
4. Sampling tap shall consist of corporation stop installed in the main with copper tube gooseneck assembly. No hose or fire hydrant shall be used to collect samples.
5. Provide bacteriological test reports to the Owner and the Engineer. Failure to meet State health standard requirements will be cause for the Contractor to rechlorinate and retest the system, at no additional cost to the Owner.

**RIMERSBURG BOROUGH MUNICIPAL AUTHORITY  
WATER EXTENSION AGREEMENT**

THIS AGREEMENT made and executed on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between Rimersburg Borough Municipal Authority, a body corporate and politic existing by virtue of the laws of the Commonwealth of Pennsylvania, (hereinafter referred to as the "Authority"), and \_\_\_\_\_ (hereinafter referred to as "Developer").

**WITNESSETH**

WHEREAS, the Developer intends and is about to develop for residential or other purposes a certain tract of land situate in the municipality of \_\_\_\_\_, County of Clarion, Commonwealth of Pennsylvania, and requests the Authority furnish water service thereto; which tract, the location and dimensions of the street, roads, and alleys therein, and the existing structures and those intended to be erected thereon, are designated and described on a Development Plan entitled \_\_\_\_\_ and dated \_\_\_\_\_.

The Developer has made application to the Authority for permission to construct, at Developer's own cost and expenses and by Developer's own contractors, a water system conforming to the Rules, Regulations, and Policy of the Authority within the above designated and described tract of land shown on the Development Plan and to connect same when completed unto the existing water system of the Authority. Developer acknowledges that such application has been made after having received information from officials of the Authority as to the optional methods by which such construction and connection may be accomplished and the relative costs and expenses thereof under the Rules, Regulations, and Policy of the Authority.

AND WHEREAS, the Developer requests or has requested that the Authority reserve sufficient capacity in its water system to accommodate the estimated demand from the above designated and described tract of land.

NOW, THEREFORE, in consideration of the payments and promises hereinafter made, both parties intending to be legally bound hereby, it is mutually agreed as follows:

1. (a) That Developer, at its own cost and expense, will cause to be prepared, by qualified professional engineering personnel, detailed plans and specifications for the proposed extension to the water system of the Authority.

(b) Such plans/specifications shall conform to the requirements of the Authority.

(c) All such plans, specifications, and Pennsylvania Department of Environmental Protection (DEP) permit application(s) and supporting data shall be supplied to the Authority with at least two (2) copies for use by the Authority, plus such additional number

as may be required by DEP and other regulatory bodies. The DEP permit application shall be prepared by the Developer in the name of the Authority.

(d) The Authority will cause such plans, specifications, and permit data to be submitted to the Authority's Consulting Engineers. Such plans, specifications, and permit data shall be revised or amended, if necessary, until they are unequivocally approved by the Authority as providing for an extension of a type and nature and so planned and to be constructed as to readily become an integral part of the water system of the Authority.

(e) Promptly upon the Authority's approval as aforesaid, the approved plans, specifications, and permit data will be submitted by the Authority to DEP requesting approval thereof and the issuance of the appropriate permit(s). Upon receipt of said permit(s) and upon compliance by Developer with all applicable local ordinances and regulations, the Authority will notify the Developer that work may be started.

(f) Developer shall be responsible for compliance with all DEP soil erosion and sedimentation control requirements. All charges, fees, and fines in connection with these requirements shall be the Developer's responsibility.

2. The Developer shall post a bond which shall cover the cost of construction of the proposed water facilities, as shown on the plans and detailed by cost estimate. The bond will remain in place until the Authority votes to accept ownership of the Developer's water facilities. At that time, the maintenance bond is required to be in place.

3. Developer shall secure all necessary rights-of-way, hire and employ and pay his own contractor or contractors to construct the extension according to the aforesaid approved plans and specifications, and the Authority shall have no responsibility or liability for payment of any part of the costs or expenses arising out of or relating to said construction or the labor, materials, and equipment used therein or thereon or acquiring any right-of-ways and for injury or damage to any persons or property occurring upon or associated with the construction of the project.

4. Developer agrees to give the Authority ten (10) days written notice of Developer's intention to begin construction of the extension so that its construction may be properly observed by the Authority. Any work which has begun before the expiration of such ten (10) day period will not be approved, as well as any improperly constructed work, the existence of which the Authority has notified the Developer promptly after such observation which has disclosed such improper construction. At all times, the contractor shall keep on the construction site available to the Authority one (1) copy of the Approved Plans and Specifications, and any shop drawings approved by the Authority.

5. During the course of the construction, all materials, workmanship, and compliance with the approved plans and specifications shall be subject to the observation and approval of the Authority. Upon completion of the construction and prior to connection of the extension of the water system of the Authority, the Authority may certify the satisfactory completion thereof, or may request verification of any of the constructed items, or may reject the project.

6. Promptly upon completion of the extension, the Developer shall:

- (a) Cause to be prepared and furnished to the Authority at the expense of the Developer two (2) sets "as-built" drawings of the completed extension project, along with one (1) completed set of reproducible plans, and one



(1) completed release of liens document executed by the Developer's Contractor for the construction, materials, labor, and all activities related to the project that are subject to this agreement.

- (b) Cause to be prepared, executed, acknowledged, and delivered to the Authority ready for recording at the sole expense of the Developer a letter of dedication for the said entire extension project and conveyance of all pipes, valves, and all its appurtenances, as well as all rights, liberties, and privileges appurtenant thereto including right-of-ways over the streets, roads, alleys, other thoroughfares, and private lands necessary to the existence and future maintenance thereof. In the event a deed of dedication is not offered to the Authority, the Authority shall be entitled to specific performance of the Agreement and the costs of enforcing the Agreement, including reasonable attorney's fees, which shall be paid by the defaulting party and shall be made a part of the Order of the Court in granting specific performance.
- (c) Prior to making physical connection between Developer's extension(s) and the Authority's water system, the Developer shall furnish a maintenance bond satisfactory to the Authority with corporate surety to cover all maintenance expenses incurred in connection with the extension for the period of twenty-four (24) months following acceptance by the Authority of the dedication of such system. The bond shall be in the amount of fifteen percent (15%) of the cost of construction of the extension(s) and shall be in the form approved by the Authority. In lieu of a bond, the Developer may post cash in an escrow account in the amounts as specified above, or a Letter of Credit in the amounts as specified above, provided the Letter of Credit is satisfactory to and in a form approved by the Authority.

7. Upon receipt of a letter of dedication, or an equivalent instrument in the form approved by the Authority, the extension project and all parts and appurtenances thereof as above described shall be, become, and remain the sole, absolute, and permanent property of the Authority free and clear of any lien, obligation, or other liability in favor of the Developer, its successors or assigns, its contractor or contractors, its and their laborers, and materialmen and any of their creditors, or in favor of any other persons or corporation, to the same end and effect as if the Authority had constructed the extension project with its own labor and its own expenses; and thereafter the Authority shall maintain, repair, rebuild, and otherwise act toward said extension as its own property and at its own cost and expense and the Developer shall have no further obligation or responsibility thereto except as hereinafter provided. Nothing herein shall be construed to discharge or dilute the contractual obligations of the contractor or contractors of the Developer to guarantee their workmanship and to maintain their ditches and paving for certain period of time following completion.

8. Developer agrees to pay all costs incurred by the Authority in the performance of this Agreement, including but not limited to:

- (a) The charges of the Authority's Consulting Engineer for review of plans, specifications, shop drawings, and other data related to the extension(s) and for observation of construction;
- (b) All fees and charges, if any, paid by the Authority to DEP or other regulatory bodies;

- (c) The expenses and charges for observation of construction;
- (d) All reasonable and necessary attorney's fees, legal, and recording expenses. Developer further agrees to deposit, or provide by an equivalent account or source acceptable and approved by the Authority, prior to the start of construction, and from time to time as required by the Authority, such sum of money or securities as is deemed necessary by the Authority to pay the estimated costs which will be incurred by the Authority for a particular phase of the project. Such sum or securities shall be held by the Authority, without interest, for application by the Authority toward payment of the costs incurred by the Authority. The balance remaining upon completion of that particular phase of the project shall be refunded in full to the Developer or held for application toward subsequent phases of the work. Should the sum deposited be insufficient to pay the actual costs incurred by the Authority, the Developer shall pay the deficiency to the Authority upon demand and prior to the connection of the extension to the water system of the Authority.

9. The developer agrees to pay to the Authority, pursuant to resolution of the Authority a Reservation of Capacity fee as set forth in the Authority's Rules, Regulations, and Policy. This fee is payable quarterly in advance for capacity being reserved for that quarter. Failure to make timely payment may result in the cancellation of capacity reserved. In addition to any other remedies that may be available to the Authority, this charge is deemed to represent a municipal claim and may result in a lien being filed against the property for which capacity is or has been reserved.

10. This agreement is intended to implement the provisions of the Rules, Regulations and Policy adopted by the Rimersburg Borough Municipal Authority for the maintenance and operation of the water system and the provisions of this Agreement shall at all times be subject to said Rules, Regulations, and Policy.

11. The Authority reserves the right, and the Developer agrees, that the Authority may at any time prior to the Authority's final acceptance of the project, and at the Authority's sole discretion, reject the project for any reason and/or elect to not connect any or all portions of the Developer's project to the Authority's water system.

IN WITNESS THEREOF, The Authority has caused the within Agreement to be executed in its corporate name and its corporate seal to be hereunto affixed, duly attested by its Secretary; and Developer has caused same to be executed by its duly authorized representatives all on the day and date first above written.

**RIMERSBURG BOROUGH MUNICIPAL AUTHORITY**

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(Chairman)

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(Secretary)

**DEVELOPER**

**RIMERSBURG BOROUGH MUNICIPAL AUTHORITY  
WASTEWATER EXTENSION AGREEMENT**

THIS AGREEMENT made and executed on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between Rimersburg Borough Municipal Authority, a body corporate and politic existing by virtue of the laws of the Commonwealth of Pennsylvania, (hereinafter referred to as the “Authority”), and \_\_\_\_\_ (hereinafter referred to as “Developer”).

**WITNESSETH**

WHEREAS, the Developer intends and is about to develop for residential or other purposes a certain tract of land situate in the municipality of \_\_\_\_\_, County of Clarion, Commonwealth of Pennsylvania, and requests the Authority furnish wastewater service thereto; which tract, the location and dimensions of the street, roads, and alleys therein, and the existing structures and those intended to be erected thereon, are designated and described on a Development Plan entitled \_\_\_\_\_ and dated \_\_\_\_\_.

The Developer has made application to the Authority for permission to construct, at Developer’s own cost and expenses and by Developer’s own contractors, a wastewater system conforming to the Rules, Regulations, and Policy of the Authority within the above designated and described tract of land shown on the Development Plan and to connect same when completed unto the existing wastewater system of the Authority. Developer acknowledges that such application has been made after having received information from officials of the Authority as to the optional methods by which such construction and connection may be accomplished and the relative costs and expenses thereof under the Rules, Regulations, and Policy of the Authority.

AND WHEREAS, the Developer requests or has requested, through the submission of a wastewater planning module for Authority action, that the Authority reserve sufficient capacity in its wastewater system to accommodate the estimated demand and flows from the above designated and described tract of land.

NOW, THEREFORE, in consideration of the payments and promises hereinafter made, both parties intending to be legally bound hereby, it is mutually agreed as follows:

1. (a) That Developer, at its own cost and expense, will cause to be prepared, by qualified professional engineering personnel, detailed plans and specifications for the proposed extension to the wastewater system of the Authority.
- (b) Such plans/specifications shall conform to the requirements of the Authority.

(c) All such plans, specifications, and Pennsylvania Department of Environmental Protection (DEP) permit application(s) and supporting data shall be supplied to the Authority with at least two (2) copies for use by the Authority, plus such additional number as may be required by DEP and other regulatory bodies. The DEP permit application shall be prepared by the Developer in the name of the Authority.

(d) The Authority will cause such plans, specifications, and permit data to be submitted to the Authority's Consulting Engineers. Such plans, specifications, and permit data shall be revised or amended, if necessary, until they are unequivocally approved by the Authority as providing for an extension of a type and nature and so planned and to be constructed as to readily become an integral part of the wastewater system of the Authority.

(e) Promptly upon the Authority's approval as aforesaid, the approved plans, specifications, and permit data will be submitted by the Authority to DEP requesting approval thereof and the issuance of the appropriate permit(s). Upon receipt of said permit(s) and upon compliance by Developer with all applicable local ordinances and regulations, the Authority will notify the Developer that work may be started.

(f) Developer shall be responsible for compliance with all DEP soil erosion and sedimentation control requirements. All charges, fees, and fines in connection with these requirements shall be the Developer's responsibility.

2. The Developer shall post a bond which shall cover the cost of construction of the proposed wastewater facilities, as shown on the plans and detailed by cost estimate. The bond will remain in place until the Authority votes to accept ownership of the Developer's wastewater facilities. At that time, the maintenance bond is required to be in place.

3. Developer shall secure all necessary rights-of-way, hire and employ and pay its own contractor or contractors to construct the extension according to the aforesaid approved plans and specifications, and the Authority shall have no responsibility or liability for payment of any part of the costs or expenses arising out of or relating to said construction or the labor, materials, and equipment used therein or thereon or acquiring any rights-of-way and for injury or damage to any persons or property occurring upon or associated with the construction of the project.

4. Developer will not at any time discharge into the wastewater collection system any effluent other than "domestic wastewater" (which term is herein defined to mean "wastewater" other than "industrial waste", as those two terms are defined in Section 73.1 of Title 25, Part I, Subpart C, Article 1, Chapter 73 of the Rules and Regulations of the Department of Environmental Protection of the Commonwealth of Pennsylvania, and the Rules and Regulations of the Authority emanating from the Development) without the express written consent of the Authority, which consent shall not be unreasonably withheld or delayed, and without complying with such reasonable conditions as the Authority imposes under its Rules and Regulations.

5. Should the rules, regulations, order of any governmental body or agency hereafter come into effect which prohibit the Authority from accepting certain types of wastewater from the Development, the Developer relieves the Authority from any and all responsibility under this Agreement as to the acceptance of such prohibited wastewater.

6. Developer agrees to give the Authority ten (10) days written notice of Developer's intention to begin construction of the extension so that its construction may be properly observed by the Authority. Any work which has begun before the expiration of such ten (10) day period will not be approved, as well as any improperly constructed work, the existence of which the Authority has notified the Developer promptly after such observation which has disclosed such improper construction. At all times, the contractor shall keep on the construction site, available to the Authority, one (1) copy of the Approved Plans and Specifications, and any shop drawings approved by the Authority.

7. During the course of the construction all materials, workmanship, and compliance with the approved plans and specifications shall be subject to the observation and approval of the Authority. Upon completion of the construction and prior to connection of the extension of the wastewater system of the Authority, the Authority may certify the satisfactory completion thereof, or may request verification of any of the constructed items, or may reject the project.

8. Promptly upon completion of the extension, the Developer shall:

(a) Cause to be prepared and furnished to the Authority at the expense of the Developer, two (2) sets "as-built" drawings of the completed extension project, along with one (1) completed set of reproducible plans and one (1) completed release of liens document executed by the Developer's Contractor for the construction, materials, labor, and all activities related to the project that is subject to this agreement.

(b) Cause to be prepared, executed, acknowledged and delivered to the Authority ready for recording, at the sole expense of the Developer, a letter of dedication for the said entire extension project and conveyance of all pipes, manholes, and all its appurtenances, as well as all rights, liberties, and privileges appurtenant thereto including rights-of-way over the streets, roads, alleys, other thoroughfares, and private lands necessary to the existence and future maintenance thereof. In the event a deed of dedication is not offered to the Authority, the Authority shall be entitled to specific performance of the Agreement and the costs of enforcing the Agreement, including reasonable attorney's fees, which shall be paid by the defaulting party and shall be made a part of the Order of the Court in granting specific performance.

(c) Prior to making physical connection between Developer's extension(s) and the Authority's wastewater system, the Developer shall furnish a maintenance bond, satisfactory to the Authority, with corporate surety to cover all maintenance expenses incurred in connection with the extension for the period of twenty-four (24) months following acceptance by the Authority of the dedication of such system. The bond shall be in the amount of fifteen percent (15%) of the cost of construction of the extension(s) and shall be in the form approved by the Authority. In lieu of a bond, the Developer may post cash in an escrow account in the amounts, as specified above, or a Letter of Credit in the amounts as specified above, provided the Letter of Credit is satisfactory to and in a form approved by the Authority.

9. Upon receipt of a letter of dedication, or an equivalent instrument in the form approved by the Authority, the extension project and all parts and appurtenances thereof as above described shall be, become, and remain the sole, absolute, and permanent property of the Authority free and clear of any lien, obligation, or other liability in favor of the Developer, its successors or assigns, its contractor or contractors, its and their laborers, and materialmen and any of their creditors, or in favor of any other persons or corporation, to the same end and effect as if the Authority had constructed the extension project with its own labor and its own expenses; and thereafter the Authority shall maintain, repair, rebuild, and otherwise act toward said

extension as its own property and at its own cost and expense and the Developer shall have no further obligation or responsibility thereto except as hereinafter provided. Nothing herein shall be construed to discharge or dilute the contractual obligations of the contractor or contractors of the Developer to guarantee their workmanship and to maintain their ditches and paving for certain period of time following completion.

10. Developer agrees to pay all costs incurred by the Authority in the performance of this Agreement, including but not limited to:

- (a) The charges of the Authority's Consulting Engineer for review of plans, specifications, shop drawings, and other data related to the extension(s) and for observation of construction.
- (b) All fees and charges, if any, paid by the Authority to DEP or other regulatory bodies.
- (c) The expenses and charges for observation of construction.
- (d) All reasonable and necessary attorney's fees, legal, and recording expenses.

Developer further agrees to deposit, or provide by an equivalent account or source acceptable and approved by the Authority, prior to the start of construction, and from time to time as required by the Authority, such sum of money or securities as is deemed necessary by the Authority to pay the estimated costs which will be incurred by the Authority for a particular phase of the project. Such sum or securities shall be held by the Authority, without interest, for application by the Authority toward payment of the costs incurred by the Authority. The balance remaining upon completion of that particular phase of the project shall be refunded in full to the Developer or held for application toward subsequent phases of the work. Should the sum deposited be insufficient to pay the actual costs incurred by the Authority, the Developer shall pay the deficiency to the Authority upon demand and prior to the connection of the extension to the sewer system of the Authority.

11. The developer agrees to pay to the Authority, pursuant to resolution of the Authority, a Reservation of Capacity fee as set forth in the Authority's Rules, Regulations, and Policy. This fee is payable quarterly in advance for capacity being reserved for that quarter. Failure to make timely payment may result in the cancellation of capacity reserved. In addition to any other remedies that may be available to the Authority, this charge is deemed to represent a municipal claim and may result in a lien being filed against the property for which capacity is or has been reserved.

12. This agreement is intended to implement the provisions of the Rules, Regulations, and Policy adopted by the Authority for the maintenance and operation of the wastewater system and the provisions of this Agreement shall at all times be subject to said Rules, Regulations, and Policy.

13. The Authority reserves the right, and the Developer agrees, that the Authority may at any time prior to the Authority's final acceptance of the project, and at the Authority's sole discretion, reject the project for any reason and/or elect to not connect any or all portions of the Developer's project to the Authority's wastewater system.

IN WITNESS THEREOF, The Authority has caused the within Agreement to be executed in its corporate name and its corporate seal to be hereunto affixed, duly attested by its Secretary; and Developer has caused same to be executed by its duly authorized representatives all on the day and date first above written.

**RIMERSBURG BOROUGH MUNICIPAL AUTHORITY**

---

(Chairman)

---

(Secretary)

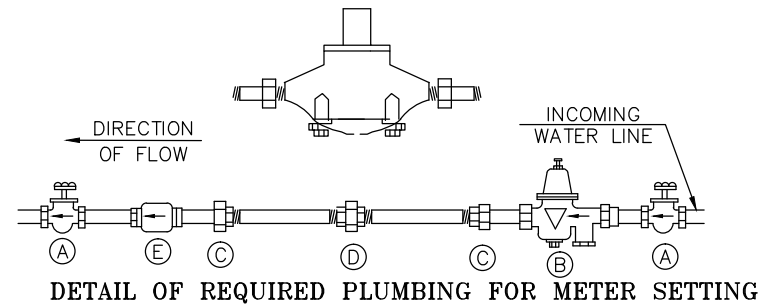
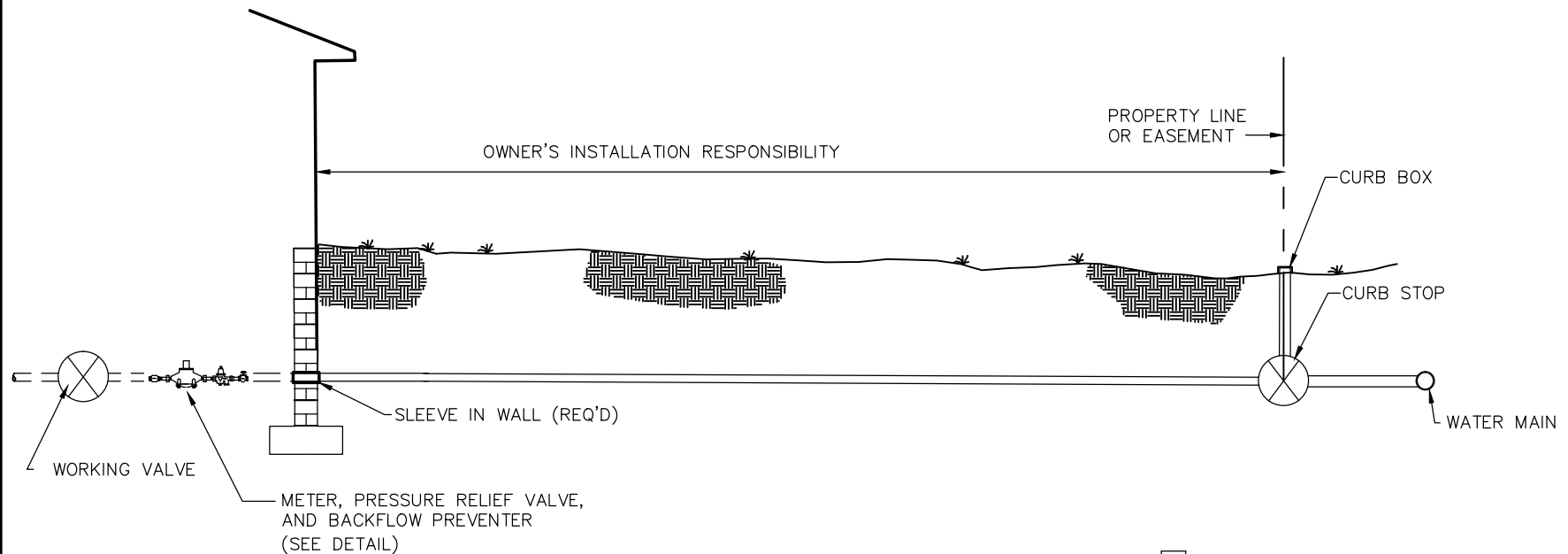
**DEVELOPER**



# Drawing No. 1 – Connection Detail With Meter Inside House

## TYPICAL CUSTOMER WATER SERVICE CONNECTION DETAIL

All piping to be connected to the Rimersburg Borough Municipal Authority's system must meet the rules and regulations of the Authority.



### NOTES:

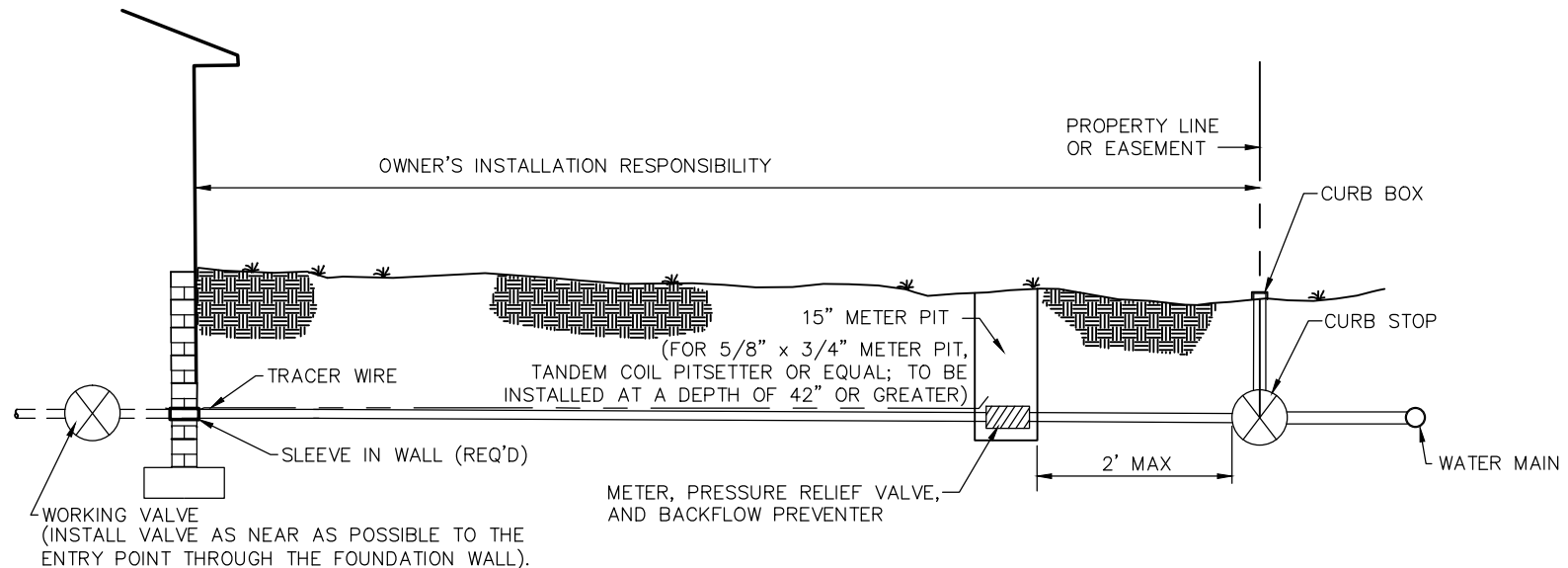
- Authority owns the Curb Box and Curb Stop
- Ownership transitions at Curb Box.
- Only item owned by authority beyond the curb box is the meter itself.

- (A) SHUT OFF VALVE
- (B) PRESSURE REDUCING VALVE
- (C) F.I.P. ADAPTOR
- (D) SPACER
- (E) CHECK VALVE

## Drawing No. 2 – Connection Detail With Meter Outside House

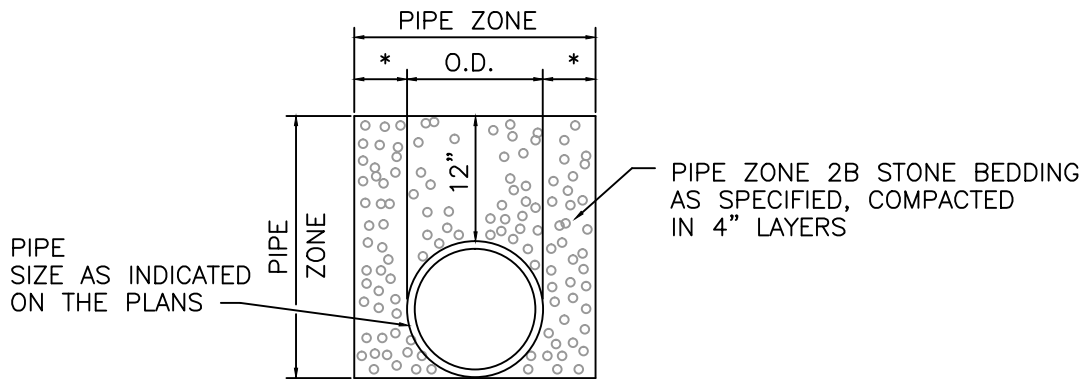
### TYPICAL CUSTOMER WATER SERVICE CONNECTION DETAIL

All piping to be connected to the Rimersburg Borough Municipal Authority's system must meet the rules and regulations of the Authority.

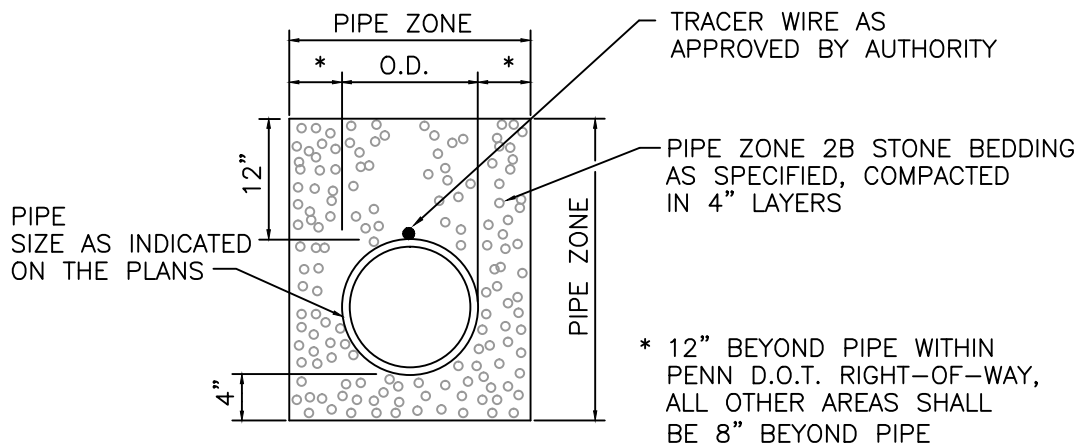


### NOTES:

- Authority owns the Curb Box and Curb Stop
- Ownership transitions at Curb Box.
- Only item owned by authority beyond the curb box is the meter itself.
- Location of Meter Pit and Curb Box to be determined by the Authority.
- Meter pit shall be min. 42" deep (see detail).
- If meter pit is installed within travelway, iron driveway cover (25,000lb load rating) or equal must be used.
- Water line shall be minimum 3/4" polyethylene tubing (C.T.S 200psi)



DUCTILE IRON PIPE



PVC PIPE

PIPE BEDDING  
N.T.S.

NOTE:  
SCH 40 PIPE DOUBLE THE  
DIA. OF WATERLINE MAY BE  
USED IN LIEU OF PIPE  
BEDDING.

RBMA	
WATERLINE BEDDING DETAIL	
NOT TO SCALE	STD DETAIL 8

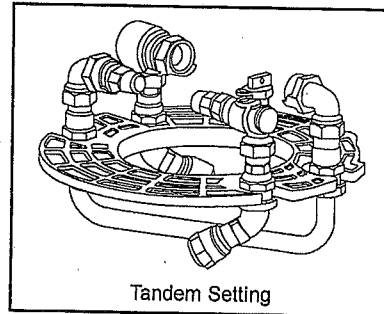
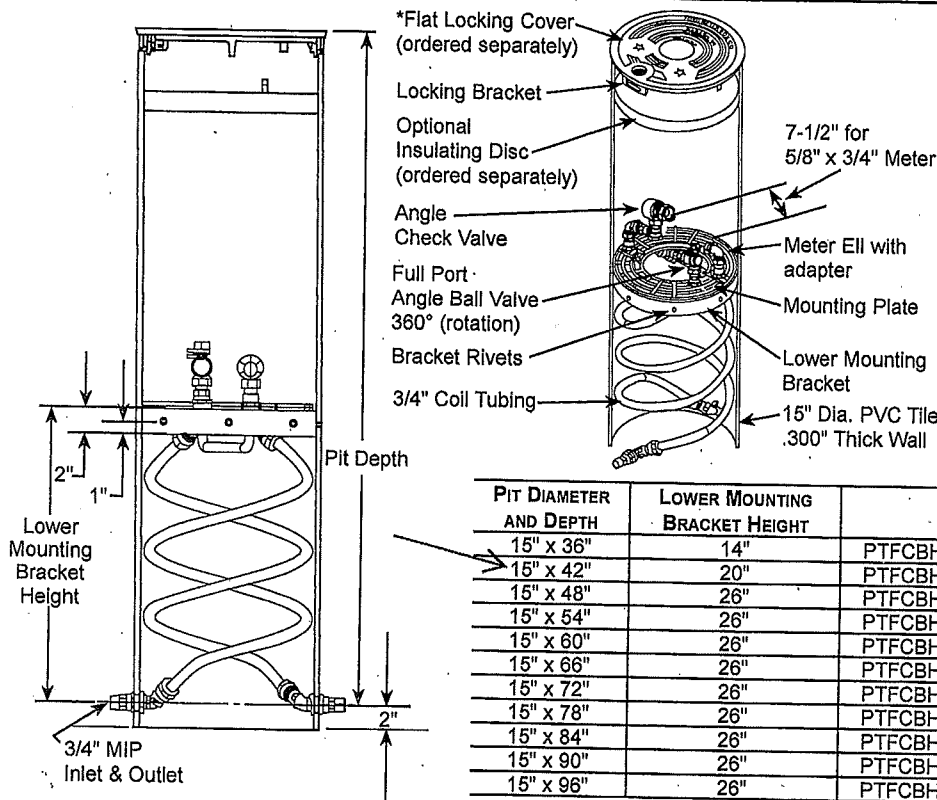
# SUBMITTAL INFORMATION

## Tandem Coil Pitsetter - (PTFCBH-288-15-xx-FP-R-NL style)



3/4" MALE IRON PIPE THREAD INLET AND OUTLET - FOR 5/8" x 3/4" METER

FLAT COVER\* - ANGLE BALL VALVE INLET BY ANGLE CHECK VALVE OUTLET



PIT DIAMETER AND DEPTH	LOWER MOUNTING BRACKET HEIGHT	CATALOG NUMBER	✓ SUBMITTED ITEM(S)
15" x 36"	14"	PTFCBH-288-15-36-FP-R-NL	
15" x 42"	20"	PTFCBH-288-15-42-FP-R-NL	<input type="checkbox"/>
15" x 48"	26"	PTFCBH-288-15-48-FP-R-NL	
15" x 54"	26"	PTFCBH-288-15-54-FP-R-NL	
15" x 60"	26"	PTFCBH-288-15-60-FP-R-NL	
15" x 66"	26"	PTFCBH-288-15-66-FP-R-NL	
15" x 72"	26"	PTFCBH-288-15-72-FP-R-NL	
15" x 78"	26"	PTFCBH-288-15-78-FP-R-NL	
15" x 84"	26"	PTFCBH-288-15-84-FP-R-NL	
15" x 90"	26"	PTFCBH-288-15-90-FP-R-NL	
15" x 96"	26"	PTFCBH-288-15-96-FP-R-NL	

PRV Length

### FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS C89833)
- The products has the letters "NL" cast into the body for proper identification
- Brass components that do not come in contact with potablewater conform to AWWA Standard C800 (ASTM B-62 and ASTM B584, UNS C83600-85-5-5-5)
- Body is made from 15" PVC tile and is lightweight for easy installation
- 3/4" coil tubing allows meter to be raised for meter access and lowered below the frost line to prevent meter and service line freeze-ups in colder climates
- Inlet and outlet valves are secured to a slotted, adjustable mounting plate
- Tandem settings are designed with 7-1/2" spacing for both settings, to hold a water meter in series with a pressure regulator. Two regulator adapters (2-1/16" in length) shall be furnished on a 5/8" x 3/4" Tandem Coil Pitsetter to hold a pressure regulator. Ford recommends to specify the PRV length when ordering to ensure proper spacing.
- Upper and lower mounting brackets secure the position of the mounting plate
- Full port angle ball valves have a 360-degree tee-head rotation
- Male iron pipe service line connections are clearly identified for quick and easy installation
- \*Flat cast iron locking cover, per ASTM A48, Class 25 (Part number: PPSC-15-L, ordered separately)
- Optional: Closed-cell polyethylene foam disc provides additional freezing protection (Part number: CCID-15, CCID-15-2, CCID-15-4, or CCID-15-6 ordered separately)

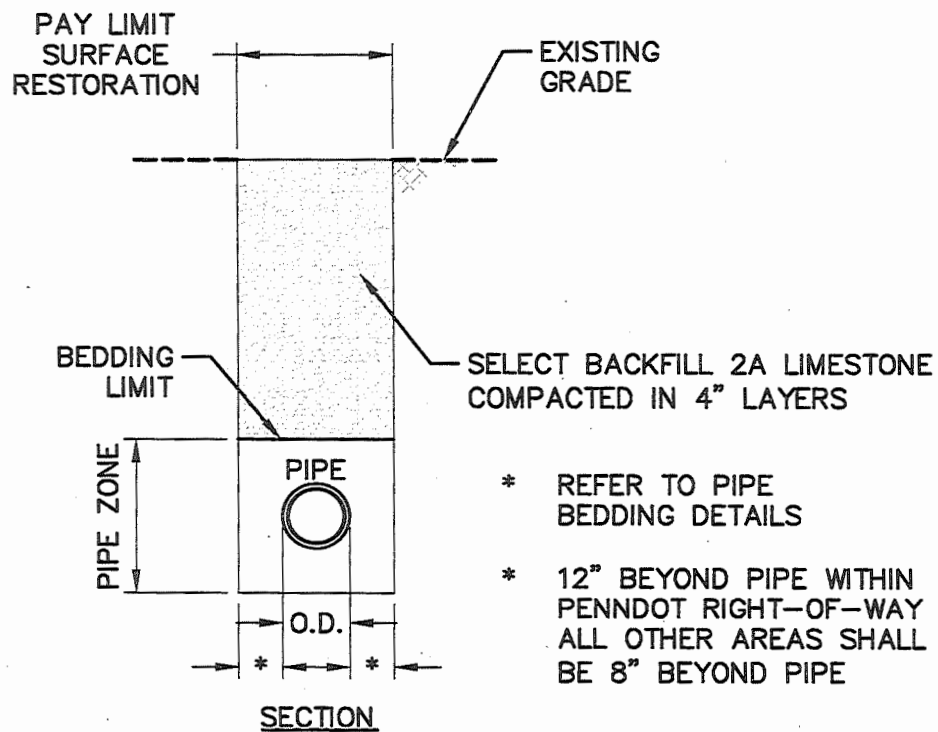
The Ford Meter Box Company considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice. Please verify that your product information is current.



**The Ford Meter Box Company, Inc.**  
P.O. Box 443, Wabash, Indiana U.S.A. 46992-0443  
Phone: 260-563-3171 / Fax: 800-826-3487  
Overseas Fax: 260-563-0167  
<http://www.fordmeterbox.com>

02/12/13

Submitted By:

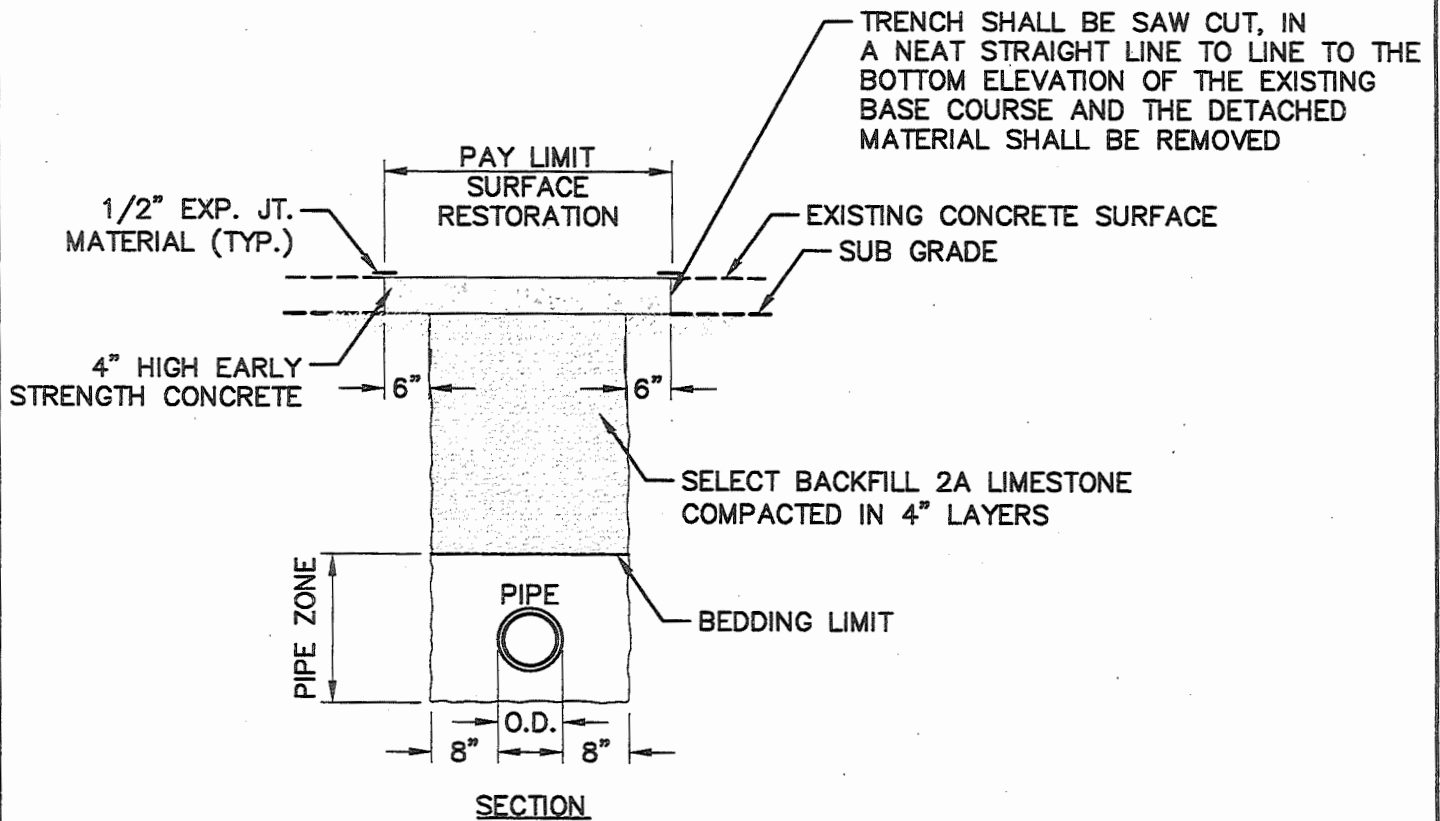


REFERENCE DETAIL

GRAVEL DRIVE RESTORATION — DETAIL

THE EADS GROUP INC.

DETAIL 24

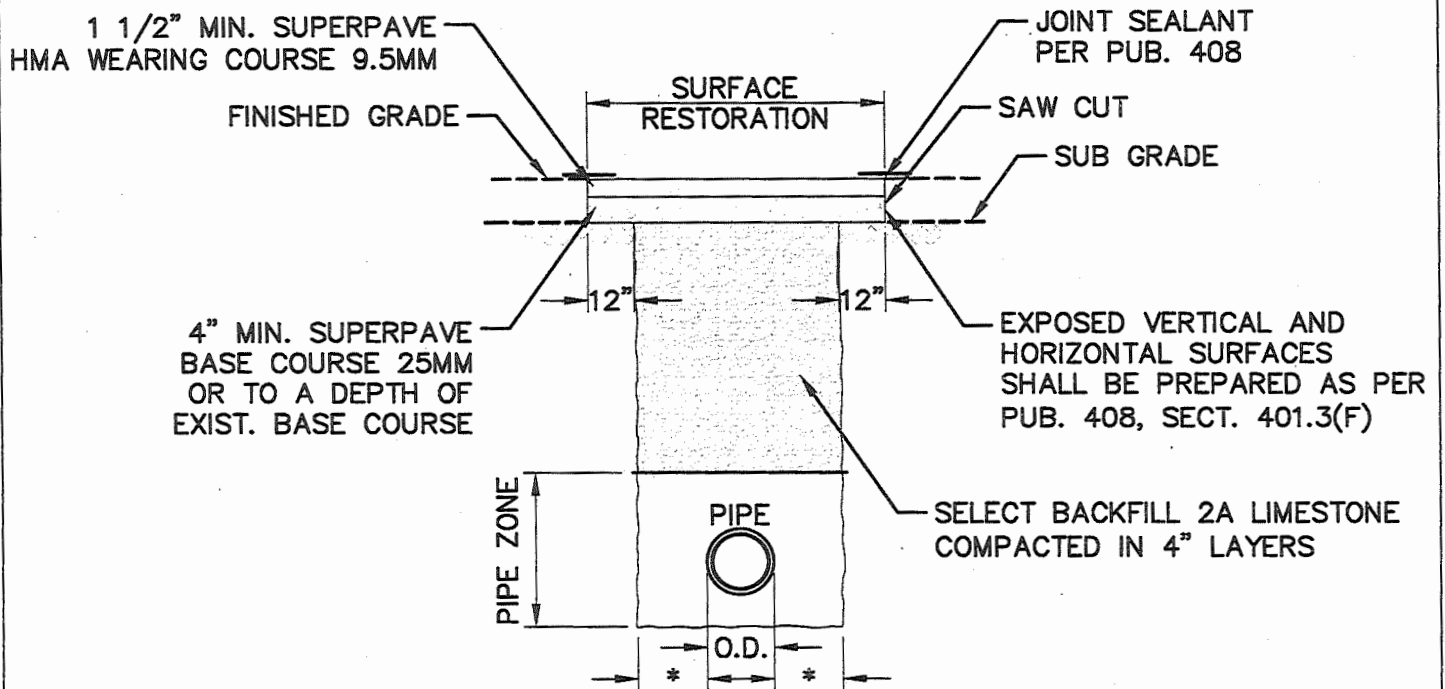


REFERENCE DETAIL

CONCRETE DRIVE RESTORATION  
DETAIL

THE EADS GROUP INC.

DETAIL 35.1



SECTION

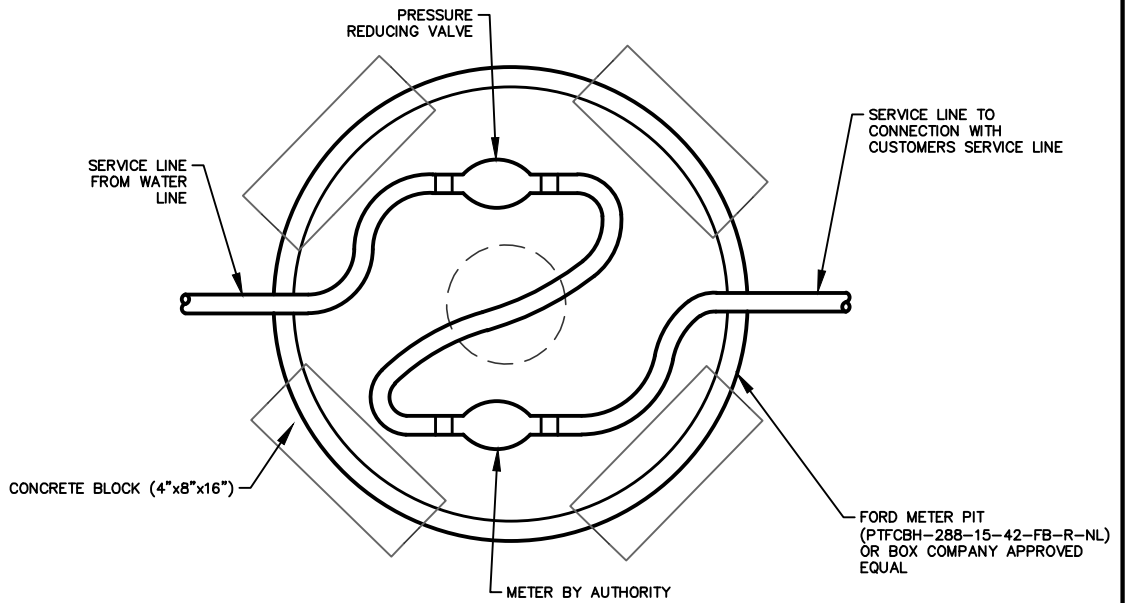
\* REFER TO PIPE BEDDING DETAILS

REFERENCE DETAIL

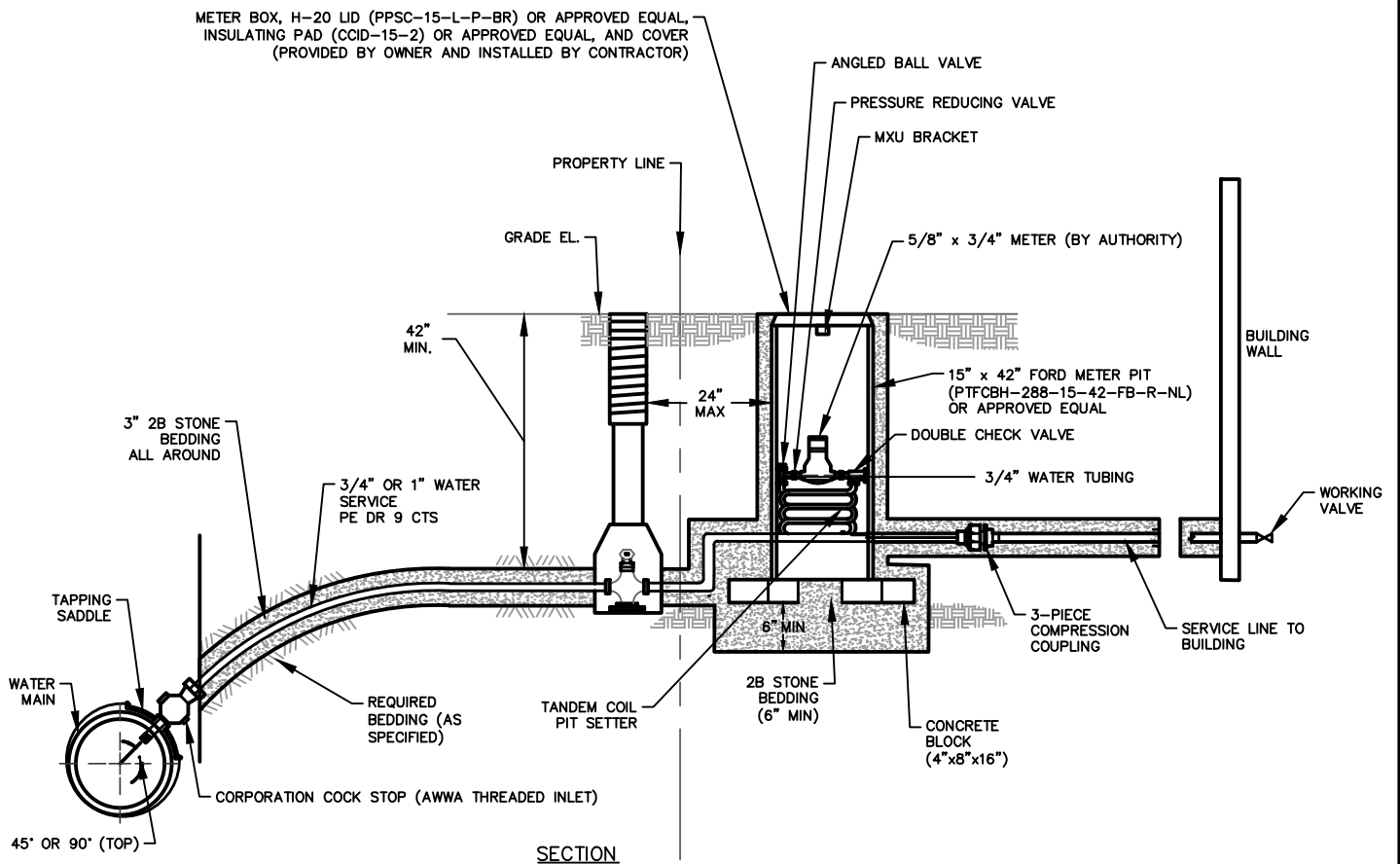
MUNICIPAL HIGHWAY  
FLEXIBLE PAVEMENT RESTORATION  
DETAIL

THE EADS GROUP INC.

DETAIL 18



PLAN



SECTION

RBMA

DRIVEWAY METER PIT DETAIL

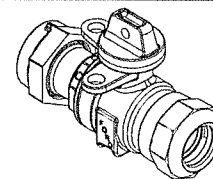
THE EADS GROUP INC.

STD. DETAIL  
SCALE = N.T.S.

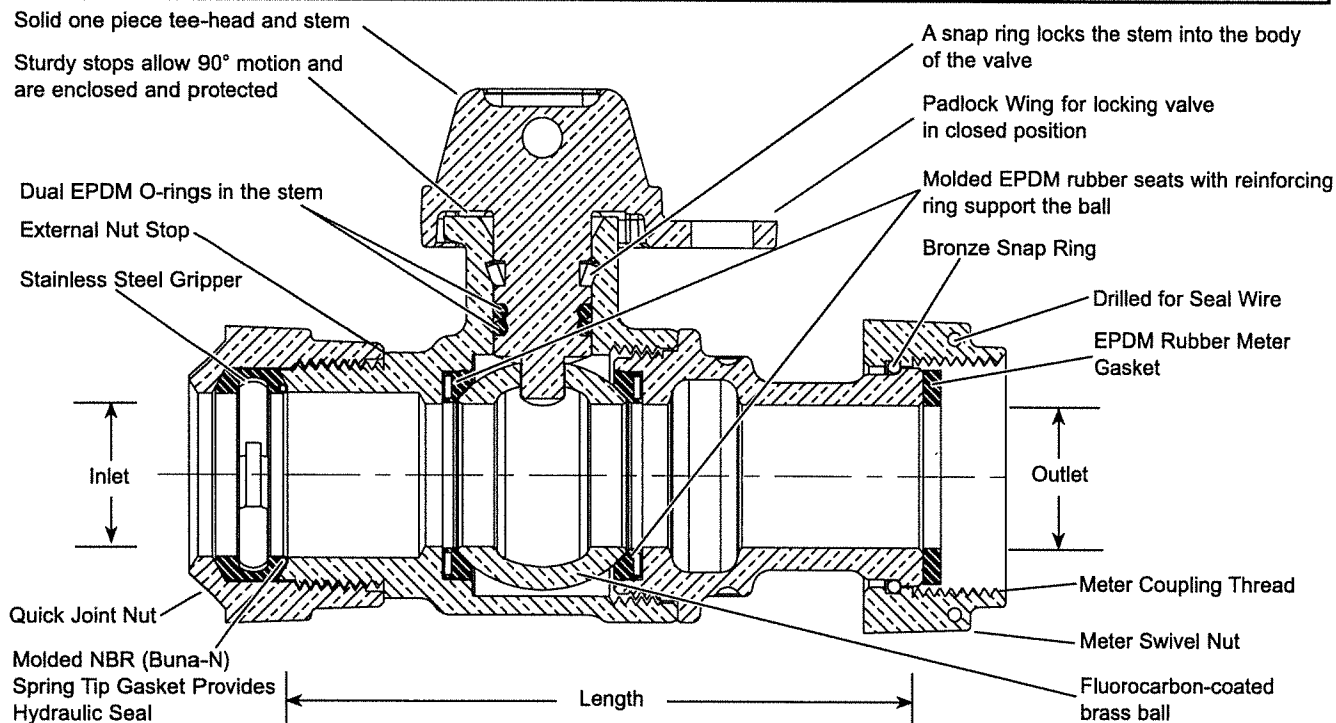


# SUBMITTAL INFORMATION

## Straight Ball Meter Valves - (B43-xxxW-Q-NL style)



### QUICK JOINT FOR COPPER OR PLASTIC TUBING (CTS) INLET BY METER SWIVEL NUT OUTLET



VALVE SIZE	SERVICE LINE SIZE INLET	METER SIZE OUTLET	LENGTH	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
5/8"	3/4"	5/8" x 3/4" & 3/4"	3-15/64"	1.7	B43-232W-Q-NL	
3/4"	3/4"	5/8" x 3/4" & 3/4"	3-57/64"	1.8	B43-332W-Q-NL	
3/4"	3/4"	1"	3-37/64"	2.3	B43-334W-Q-NL	
3/4"	1"	5/8" x 3/4" & 3/4"	4-5/64"	2.5	B43-342W-Q-NL	
3/4"	1"	1"	3-25/32"	2.6	B43-344W-Q-NL	
1"	1"	1"	4-35/64"	3.0	B43-444W-Q-NL	

**Note:** Ford recommends using insert stiffeners with plastic pipe or tubing.

**Note:** 5/8" ball valves do not have a reinforced seat.

### FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Valve is non-directional and is watertight with flow in either direction
- Ends are integral or secured with adhesive to prevent unintentional disassembly
- Padlock wing for locking valve in closed position
- Hole for attaching handle is provided in the tee-head
- 300 PSI working pressure

**Optional full 360° tee-head rotation.** Insert "R" into part number. Example: B43-444WR-Q-NL

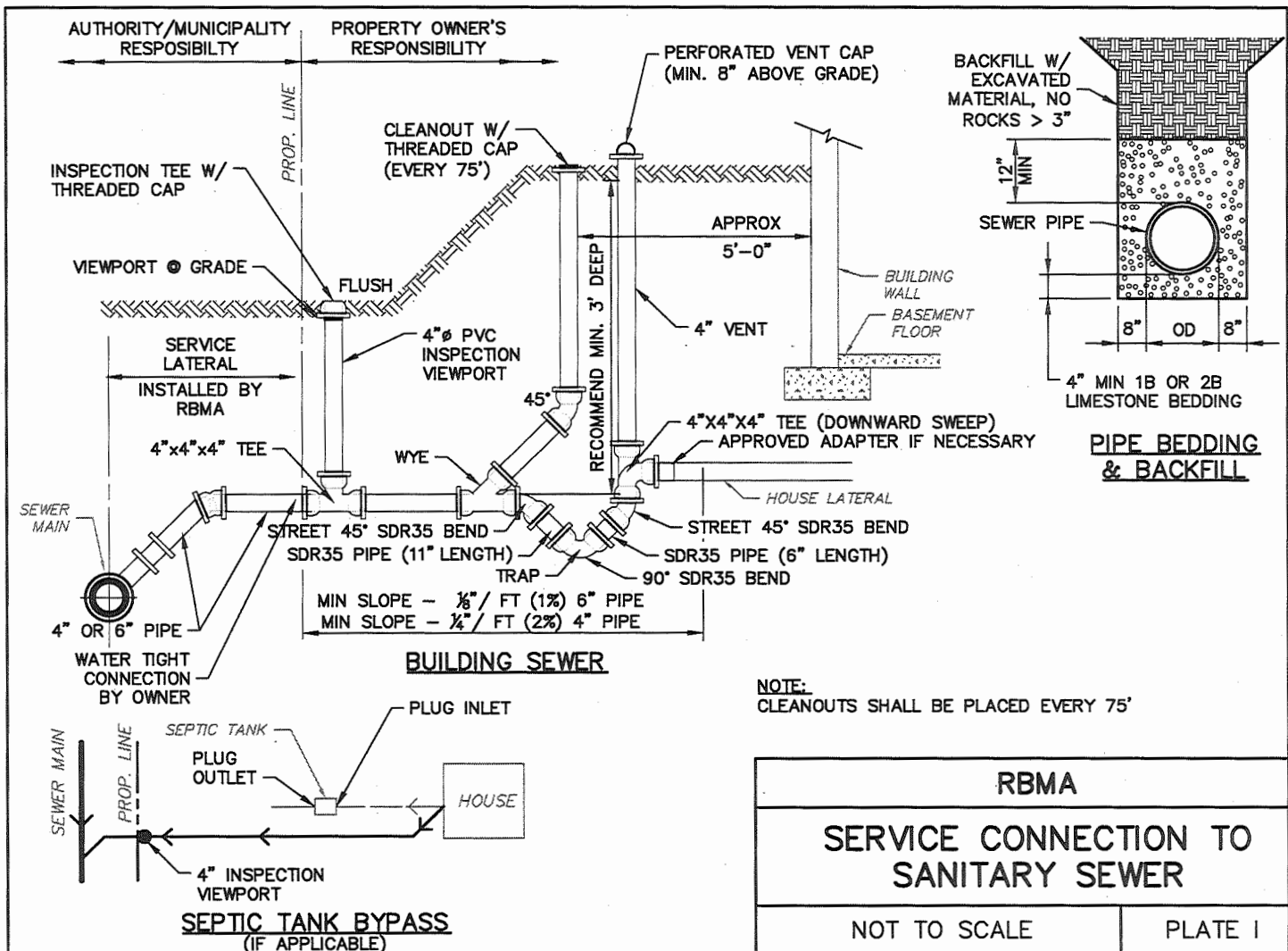
The Ford Meter Box Company considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice. Please verify that your product information is current.

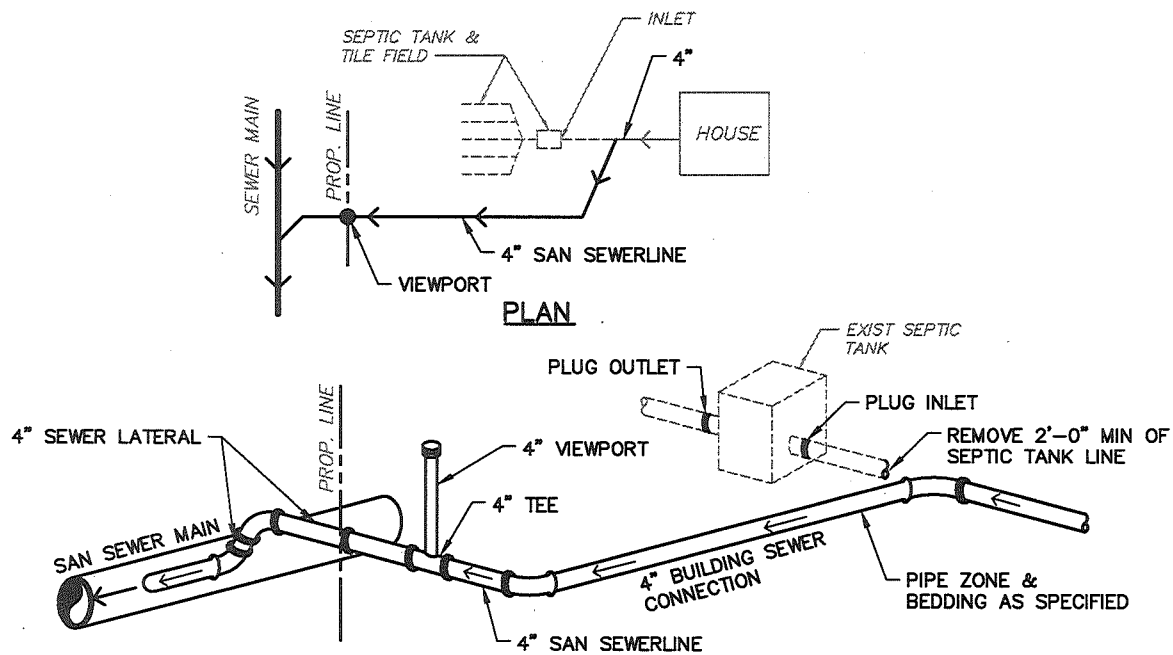


**The Ford Meter Box Company, Inc.**  
P.O. Box 443, Wabash, Indiana U.S.A. 46992-0443  
Phone: 260-563-3171 / Fax: 800-826-3487  
Overseas Fax: 260-563-0167  
www.fordmeterbox.com

08/02/18

Submitted By:





**PLAN**

**ISOMETRIC SECTION**

**MINIMUM SLOPES:**  
4" PIPE: 1/4" PER FT (2%)

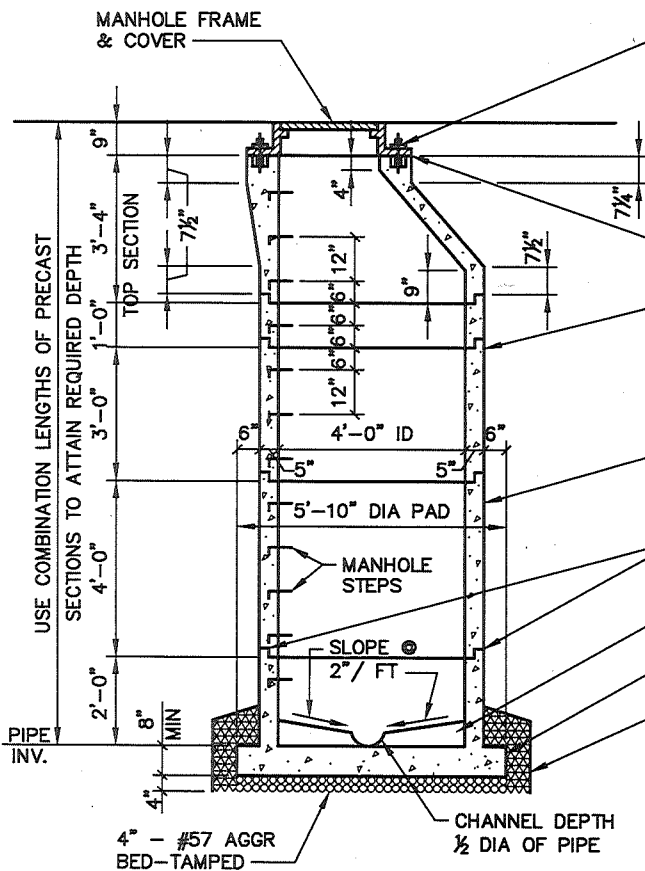
**RECOMMENDED MINIMUM DEPTH: 48"**

**NOTE:**

1. CLEANOUTS AS REQUIRED ON BLDG SEWER @ 75' INTERVALS.
2. SEE PLATE I FOR MORE DETAILS.

RBMA	
BUILDING SEWER CONNECTION INSTALLATION TO BYPASS EX SEPTIC TANK	
NOT TO SCALE	PLATE II





FOUR SS 3/4" DIA ANCHOR BOLTS OR SS ALL-THREAD TO SECURE FRAME AND GRADE RINGS TO TOP PRECAST SECTION. DRILL HOLES (4 REQ'D) SHALL BE DRILLED IN TOP SECTION FOR MACHINE-BOLT ANCHORS

USE RUBBER GRADE ADJUSTMENT RINGS BETWEEN TOP SECTION AND FRAME TO RAISE MH TOP HEIGHT IF NECESSARY

SEAL JOINT BETWEEN MH FRAME AND TOP SECTION WITH WATERPROOF GASKET

PRE-CAST CONC MH SECTIONS MANUFACTURED IN ACCORDANCE WITH ASTM SPEC C478 W/ XYPEX ADDITIVE

EACH SECTION TO BE SUPPLIED WITH LIFTING HOLE CONTRACTOR TO SEAL HOLES WITH WATERPROOF NON-SHRINK GROUT

CONCRETE MIX SHALL INCLUDE XYPEX ADDITIVE WATERPROOF MIX

ALL JOINTS BETWEEN PRECAST SECTIONS SHALL BE SEALED WITH WATERPROOF GASKET

FLOW CHANNEL- 400 PSI CONC WITH XYPEX ADDITIVE

PRECAST BASE SECTION

BACKFILL W/ #57 AGGR TO PIPE BEDDING LIMIT

#### NOTES:

1. AT ALL PIPE PENETRATIONS AN INTEGRAL RUBBER GASKET SHALL BE CAST INTO THE PIPE OPENING OF PRECAST SECTIONS AT THE TIME OF MANUFACTURE. RUBBER GASKET TO CONFORM TO CONTRACT SPECIFICATIONS.

RBMA

PRE CAST MANHOLE  
4'-0" INSIDE DIAMETER

NOT TO SCALE

PLATE IV

1/2" RODS, DIAGONALLY  
AROUND OPENING

INFLUENT

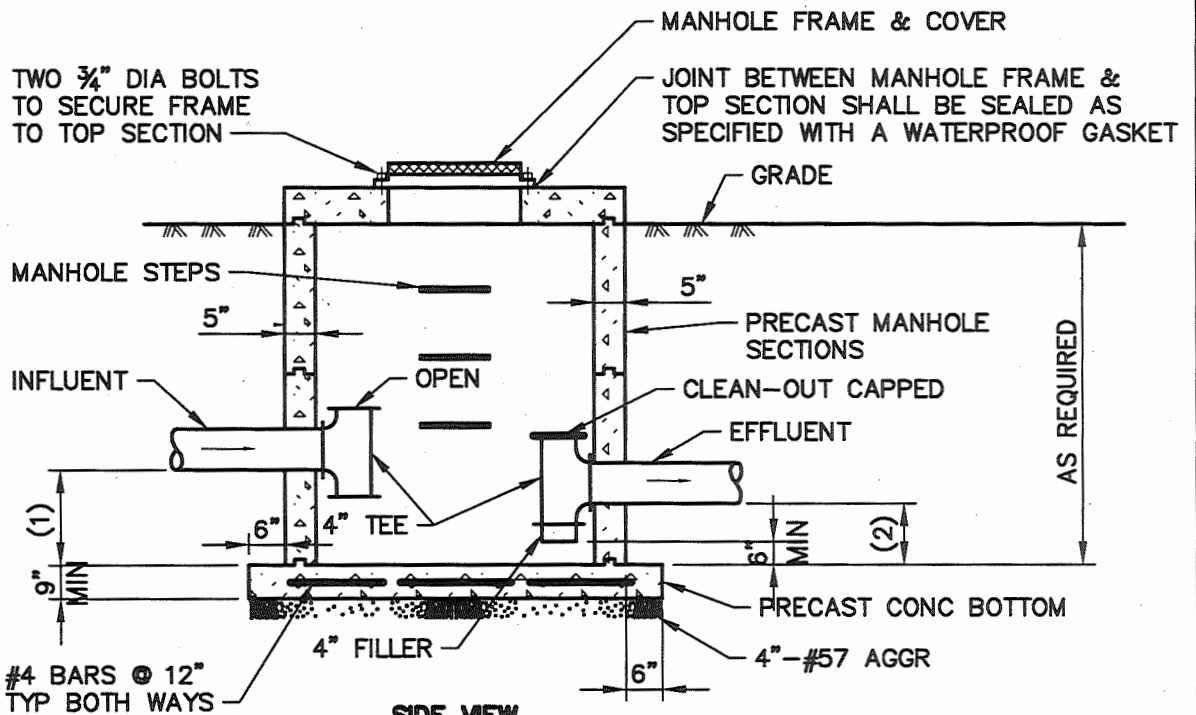
MANHOLE FRAME  
& COVER

EFFLUENT

1/2" RODS, 6" ON  
CENTER, EACH WAY

MANHOLE ASTM  
C478-78T

**TOP VIEW**



**4' DIA MANHOLE GREASE TRAP  
CAPACITY:**

100 GALLONS (1)=15" (2)=12"  
200 GALLONS (1)=27" (2)=24"  
300 GALLONS (1)=39" (2)=36"

**5' DIA MANHOLE GREASE TRAP  
CAPACITY:**

100 GALLONS (1)=11" (2)=08"  
200 GALLONS (1)=19" (2)=16"  
300 GALLONS (1)=27" (2)=24"  
400 GALLONS (1)=35" (2)=32"  
500 GALLONS (1)=43" (2)=40"

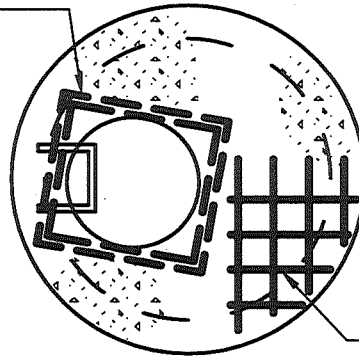
**RBMA**

**GREASE TRAP**

NOT TO SCALE

PLATE V

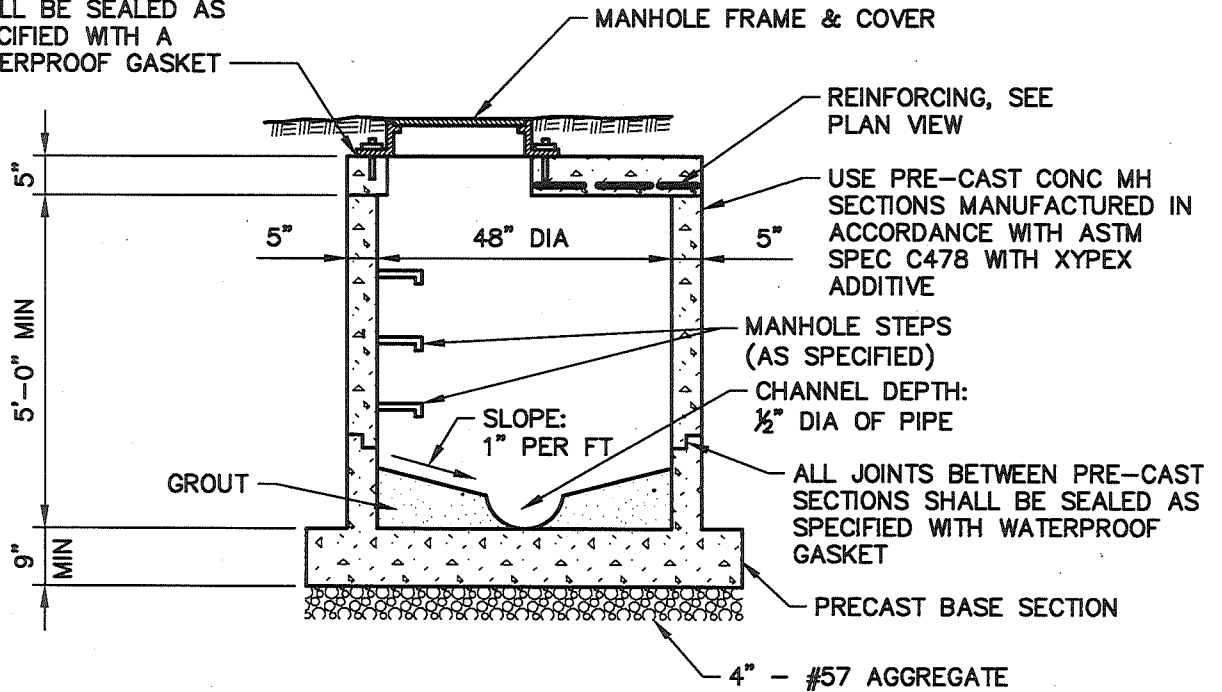
#4 BARS DIAGONALLY  
AROUND OPENING



#4 BARS @ 6" C/C  
(TYP BOTH WAYS)

## PLAN

JOINT BETWEEN MANHOLE  
FRAME AND TOP SECTION  
SHALL BE SEALED AS  
SPECIFIED WITH A  
WATERPROOF GASKET



## SIDE VIEW

### NOTE:

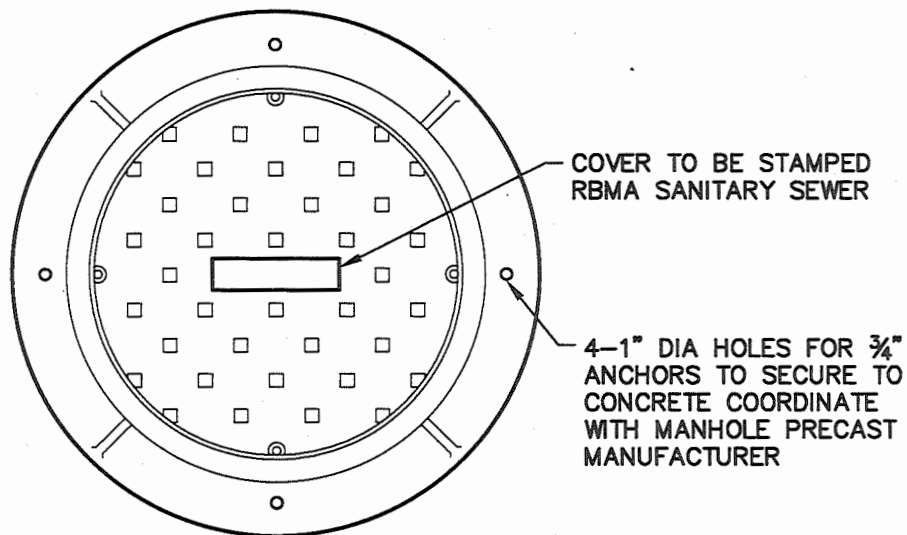
1. IN PAVED AREAS OR SHOULDERS, FLATTOP MUST BE DESIGNED FOR HS 25 LOADING.
2. SEE PLATE IV FOR ADDITIONAL REQUIREMENTS.

RBMA

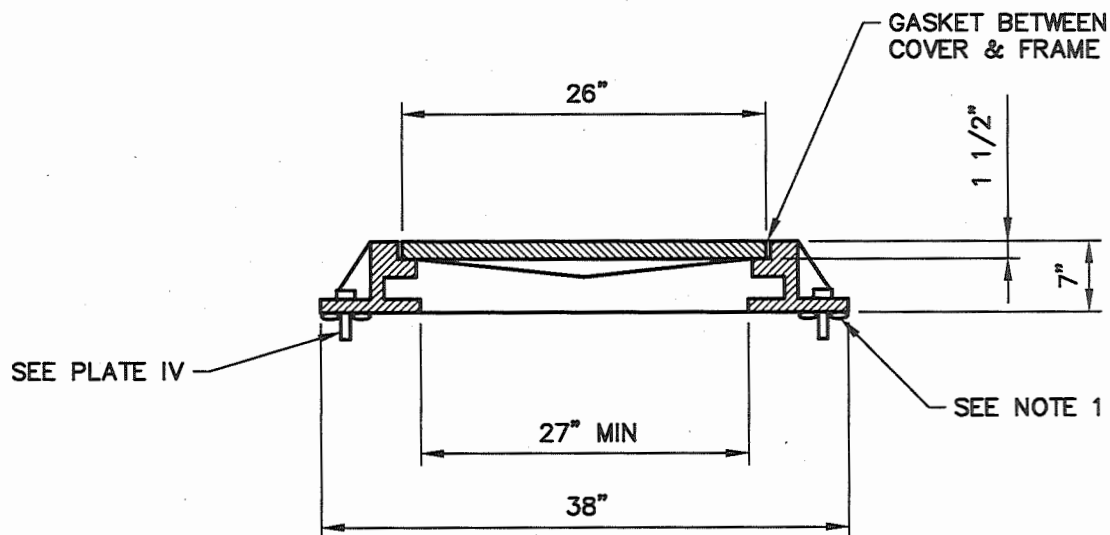
PRE-CAST SHALLOW MANHOLE

NOT TO SCALE

PLATE VI



**TOP VIEW**



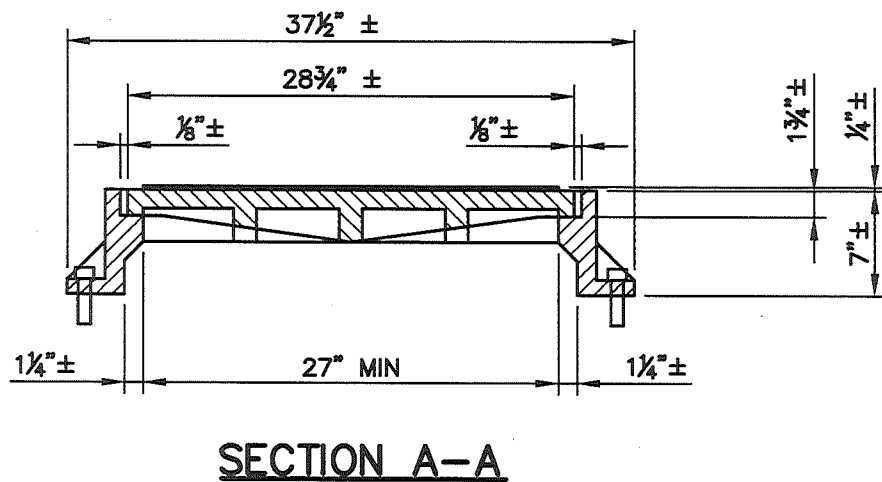
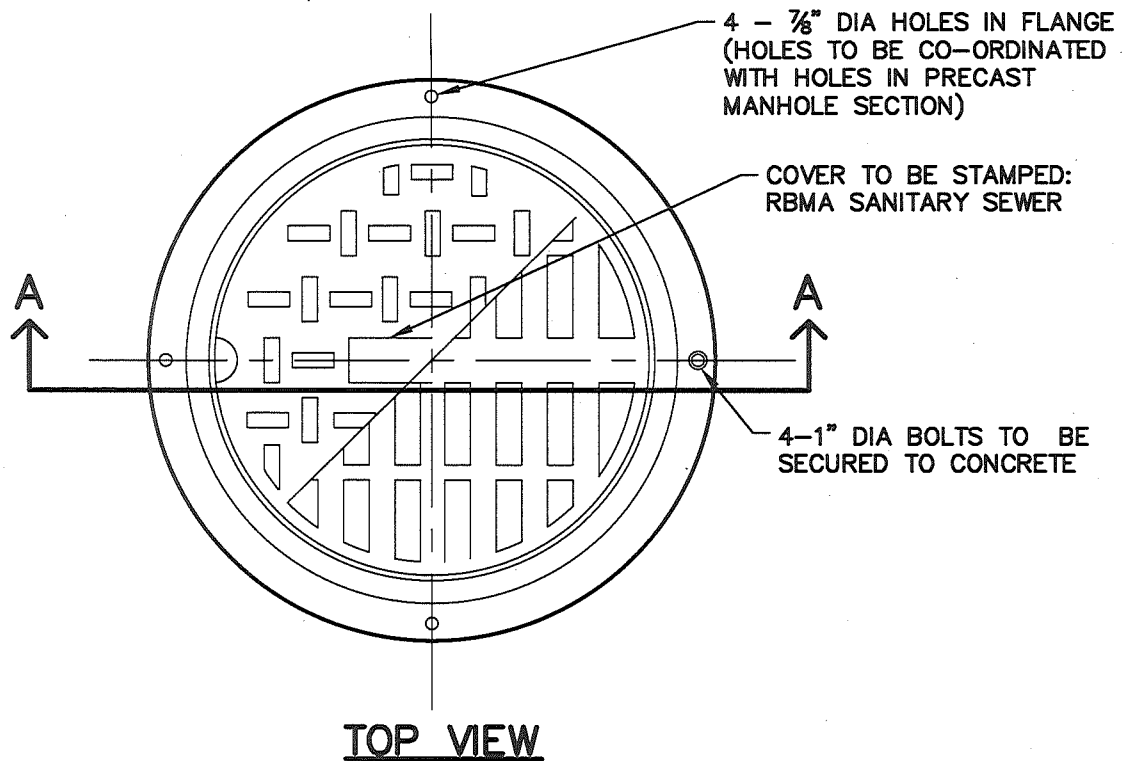
**SECTION**

**NOTE:**

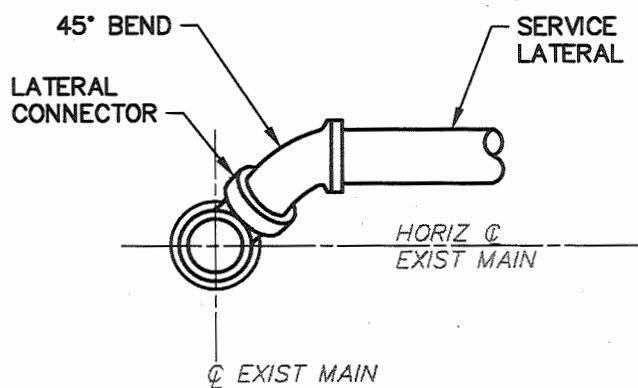
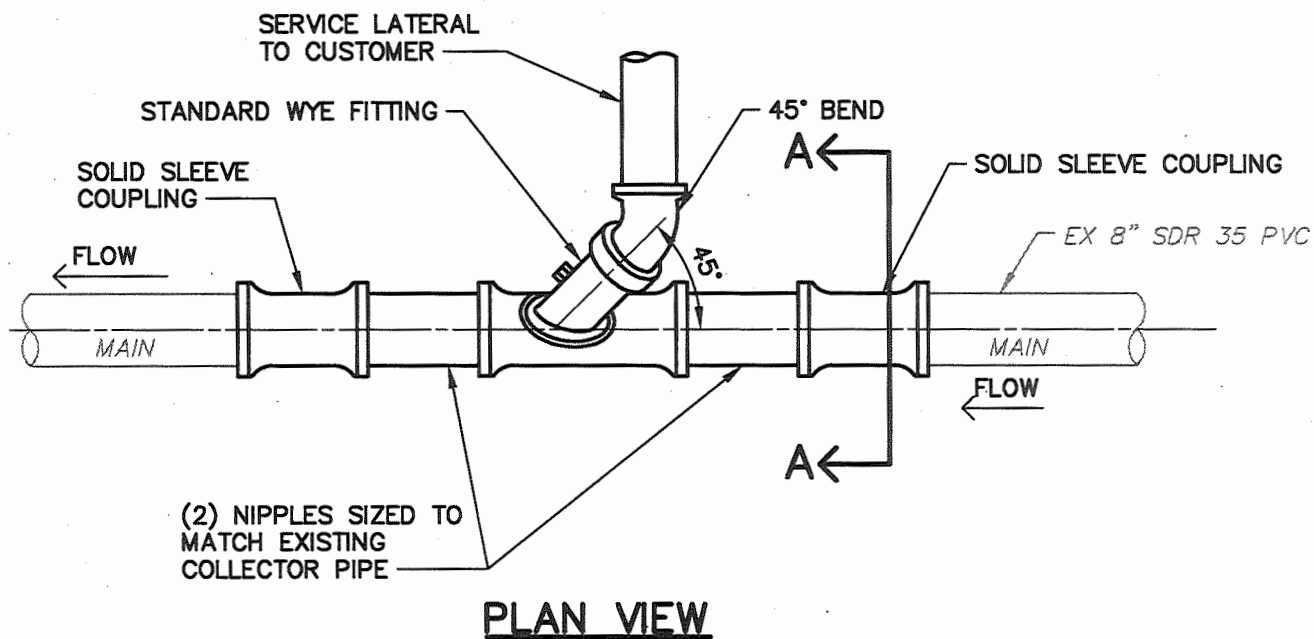
1. WATERPROOF GASKET TO BE INSTALLED BETWEEN FRAME AND CONCRETE SURFACE.
2. USE GRADE RINGS OF RECYCLED RUBBER, TAPERED AS NEEDED TO SET FRAME APPROX.  $\frac{3}{8}$ " TO  $\frac{1}{2}$ " BELOW STREET GRADE.

RBMA	
WATERTIGHT MANHOLE FRAME AND COVER	
NOT TO SCALE	PLATE VII





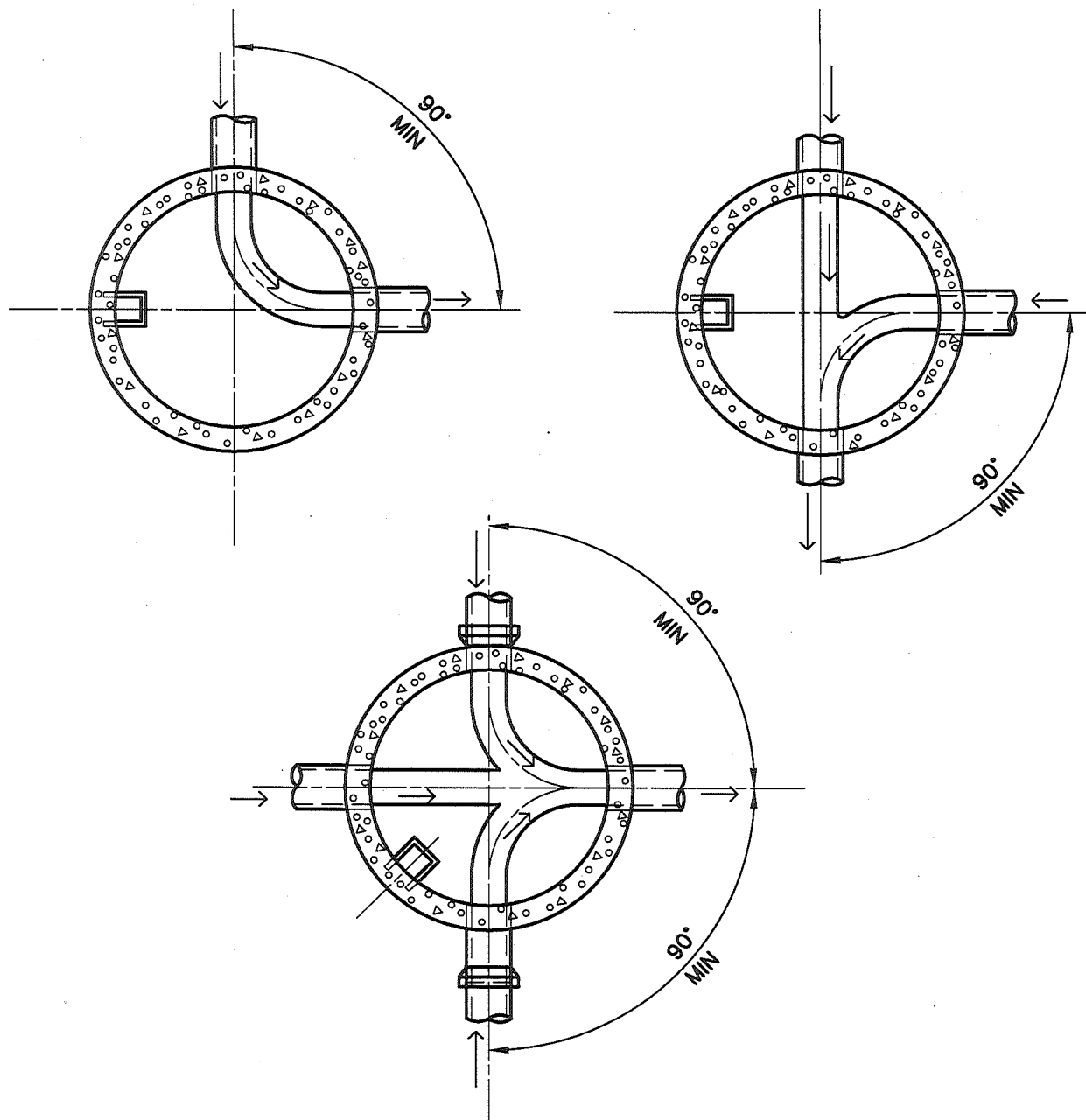
RBMA	
STANDARD MANHOLE FRAME AND COVER	
NOT TO SCALE	PLATE VIII



**NOTES:**

1. CARE SHOULD BE TAKEN TO NOT LET ANY DEBRIS ENTER THE SYSTEM WHEN INSTALLING THE FACILITIES.
2. PROPER ALIGNMENT OF COLLECTION MAIN TO BE MAINTAINED.

RBMA	
GRAVITY SEWER LATERAL CONNECTION TO EX COLLECTOR SEWER	
NOT TO SCALE	PLATE IX



**NOTES:**

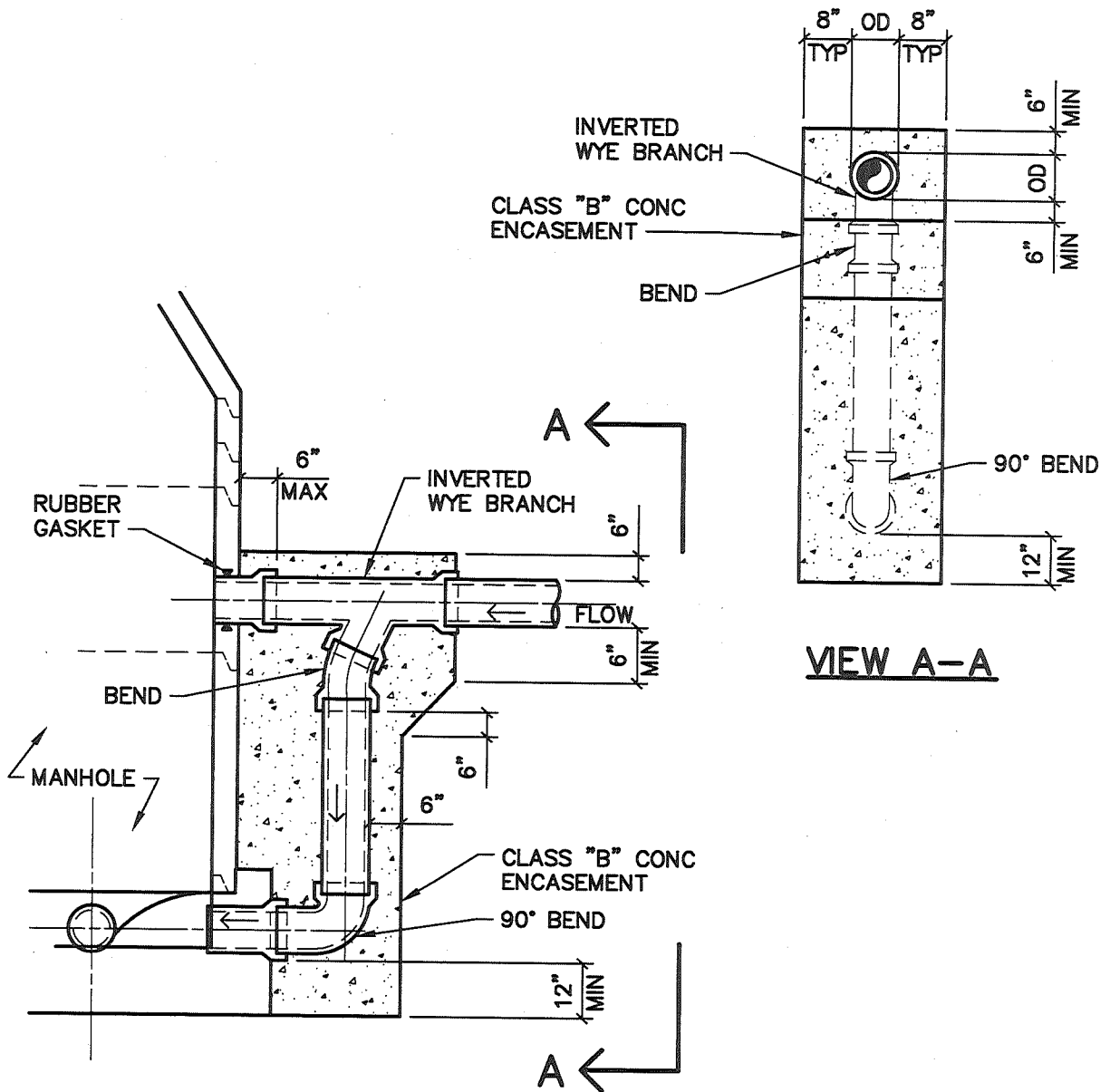
1. CHANNEL DEPTH TO EQUAL ONE HALF PIPE DIA.
2. SLOPE CONCRETE INVERT 1" PER FOOT TO CHANNEL.
3. RECONSTRUCT CHANNELS IN EX MANHOLES TO ACCOMMODATE NEW PIPE CONFIGURATIONS.
4. ALL CONNECTIONS TO BE RADIAL.
5. INCREASE MH ID WHEN SEWER SIZE > 12".

**RBMA**

**MANHOLE CHANNEL  
ORIENTATION**

NOT TO SCALE

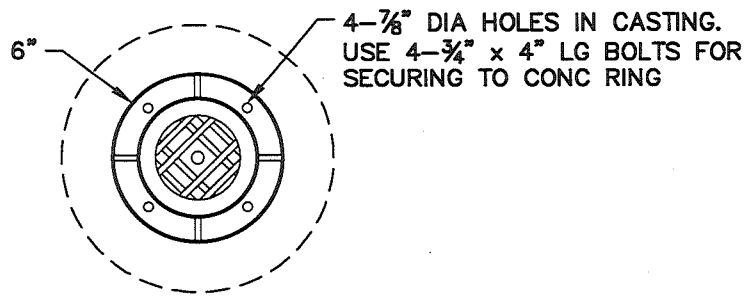
PLATE X



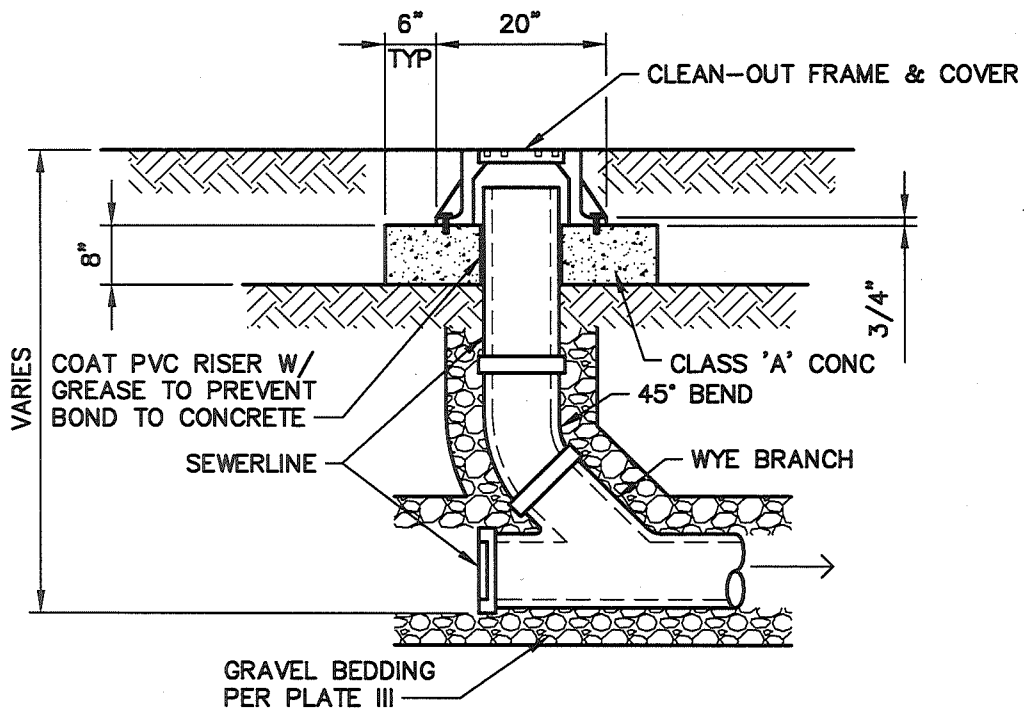
**SIDE VIEW**

**VIEW A-A**

RBMA	
OUTSIDE DROP CONNECTION TO STANDARD MANHOLE	
NOT TO SCALE	PLATE XI



**TOP VIEW**



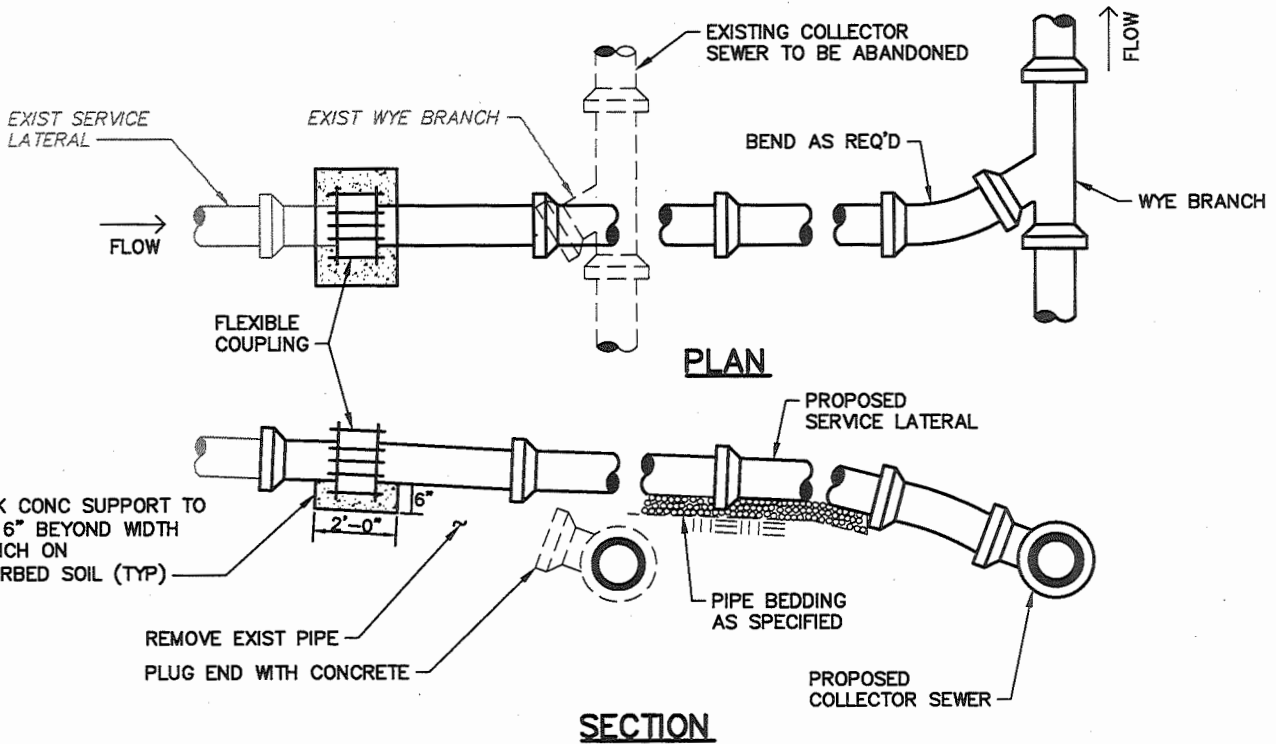
**SIDE VIEW**

**RBMA**

**STANDARD CLEAN-OUT  
(LAMP HOLE)**

NOT TO SCALE

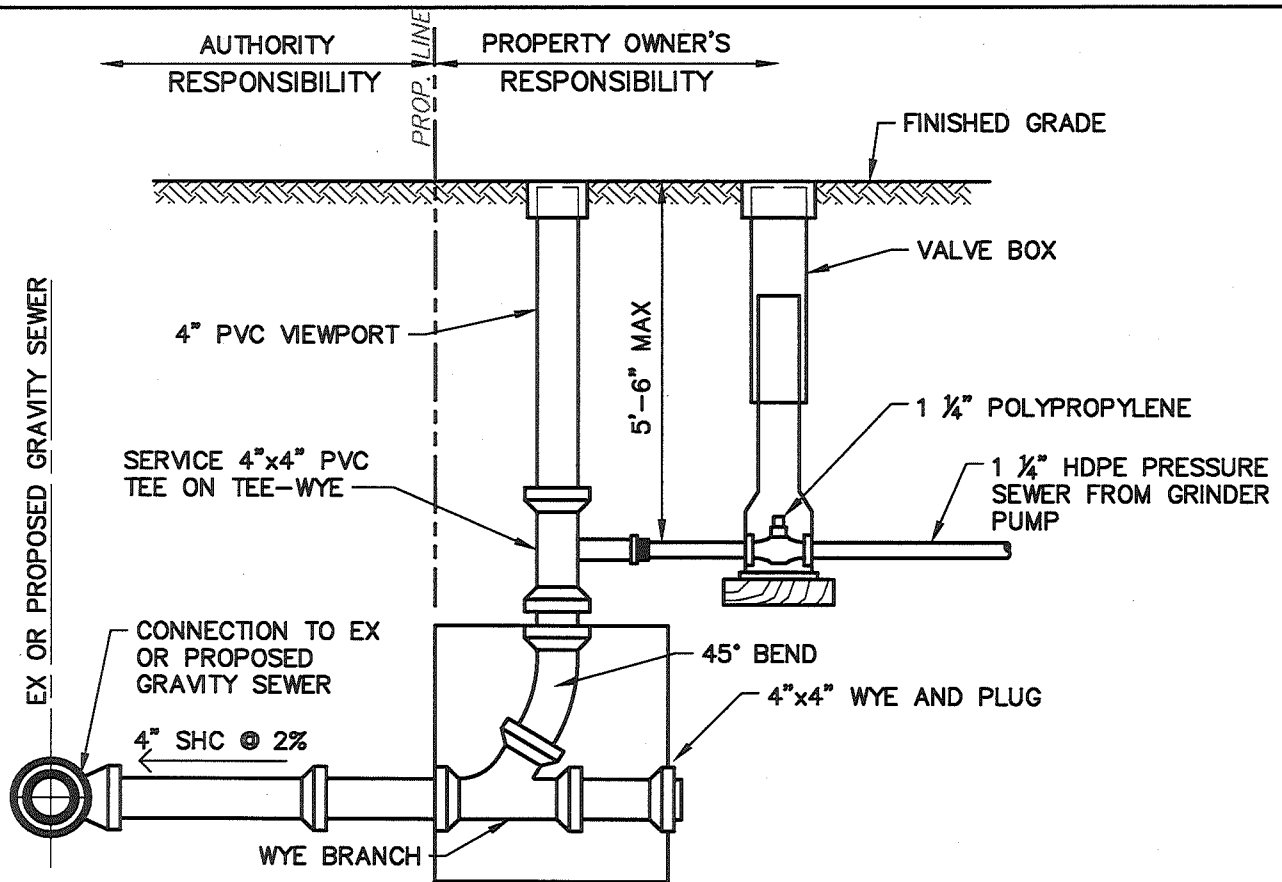
PLATE XII



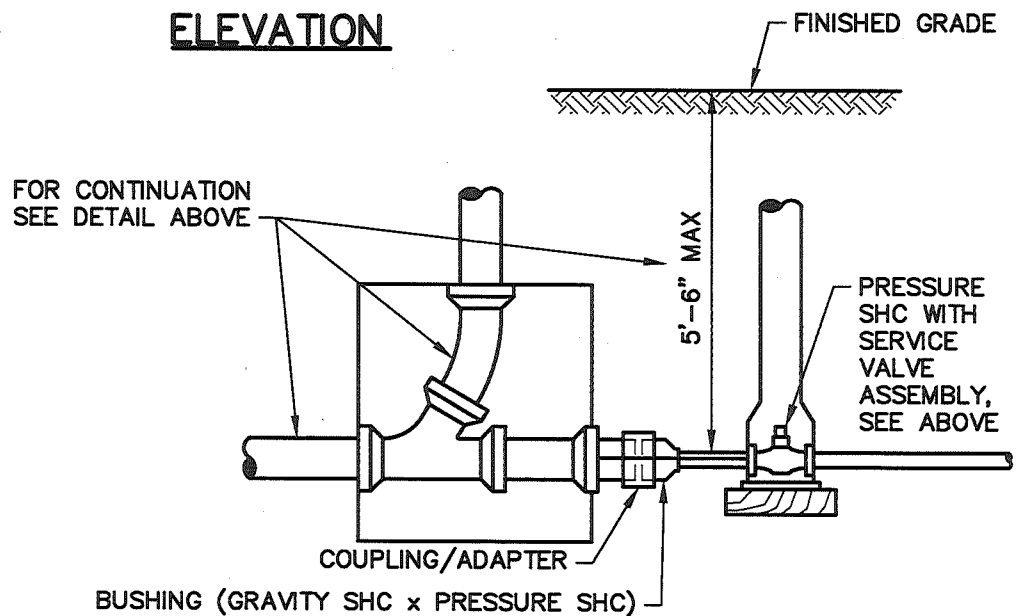
**NOTES:**

1. MINIMUM SLOPE:  $\frac{1}{8}$ " PER 1'-0" FOR 6" LATERAL,  $\frac{1}{4}$ " PER 1'-0" FOR 4" LATERAL.
2. CONNECTION TO SEWERS SHALL BE ENCASED IN CLASS 'C' CONCRETE. MIN OF 6" ON ALL SIDES AT COLLECTOR SEWER.
3. THIS DETAIL ONLY USED WHEN EXISTING COLLECTOR SEWER IS ABANDONED AND PROPERTY OWNERS ARE TO CONNECT TO NEW COLLECTION SEWER, AS DIRECTED BY RBMA.

RBMA	
TYPICAL SERVICE CONNECTION TO NEW COLLECTOR SEWER	
NOT TO SCALE	PLATE XIII



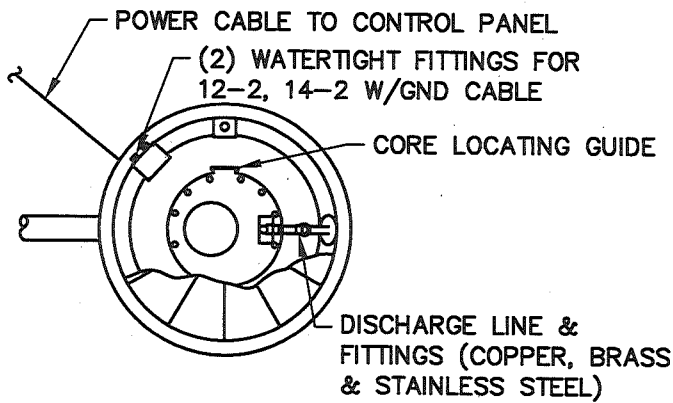
### ELEVATION



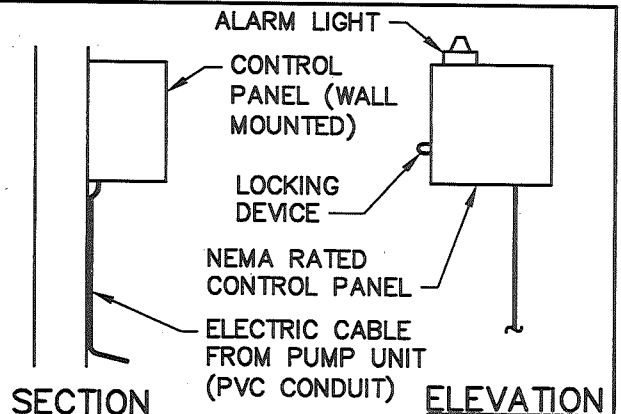
### ALTERNATE METHOD FOR SHALLOW GRAVITY SHC

**NOTE:**  
SHC - SEWER HOUSE CONNECTION.

RBMA	
PRESSURE SEWER HOUSE CONNECTION TO NEW OR EX GRAVITY SEWER	
NOT TO SCALE	PLATE XIV



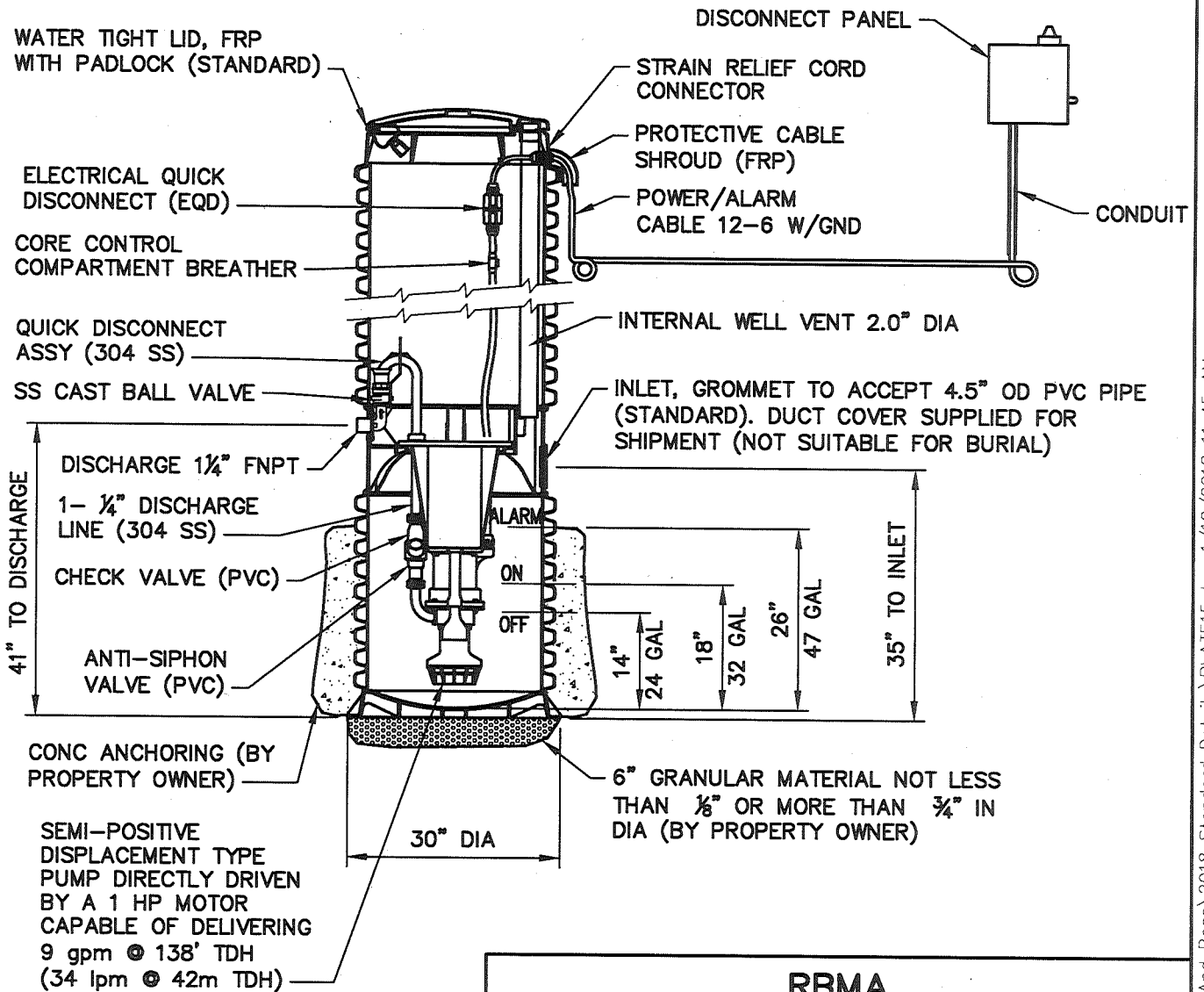
**PLAN**



**SECTION**

**ELEVATION**

**CONTROL PANEL**



**NOTE:**

1. ENSURE NO GRAVEL OR OTHER DEBRIS ENTERS THE GRINDER PUMP.

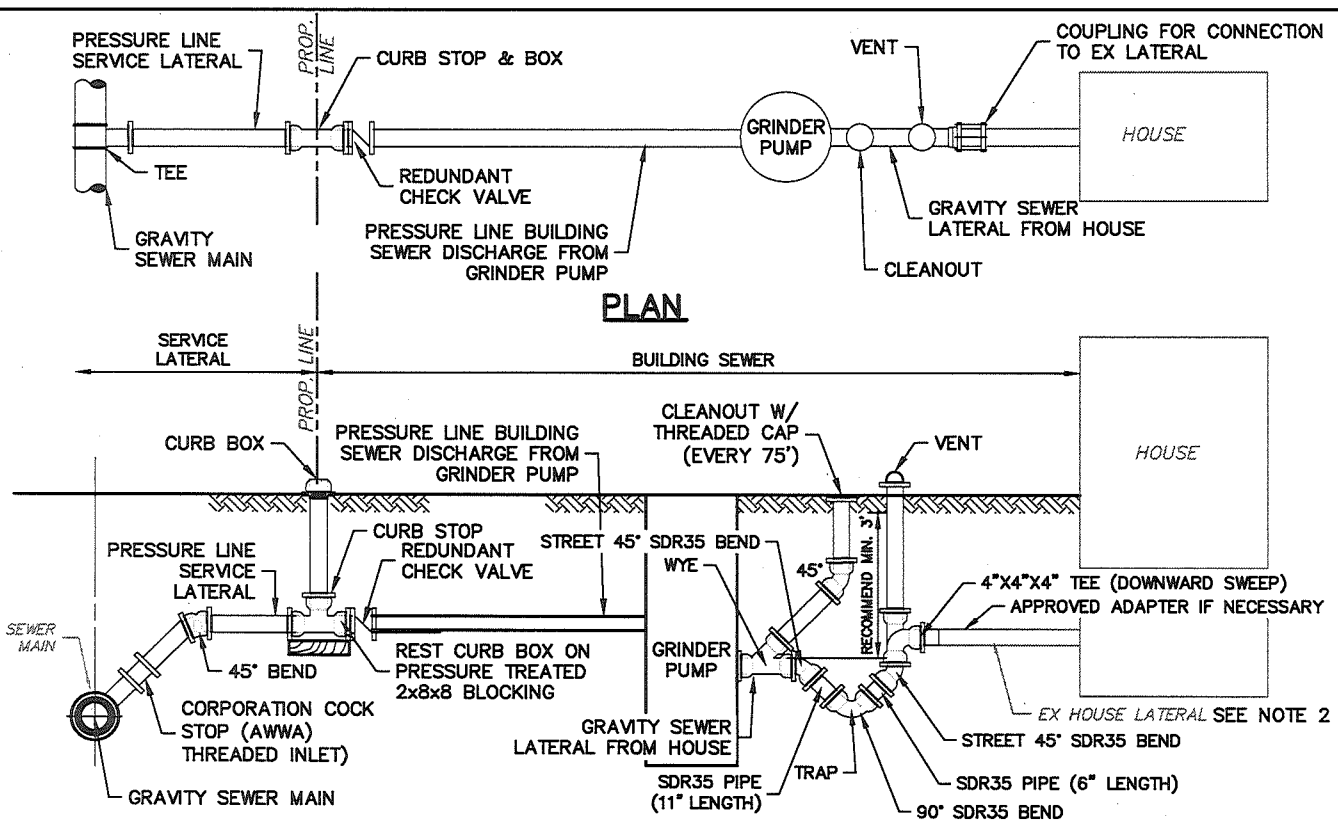
**RBMA**

**GRINDER PUMP INSTALLATION  
OUT-OF-DOOR**

NOT TO SCALE

PLATE XV

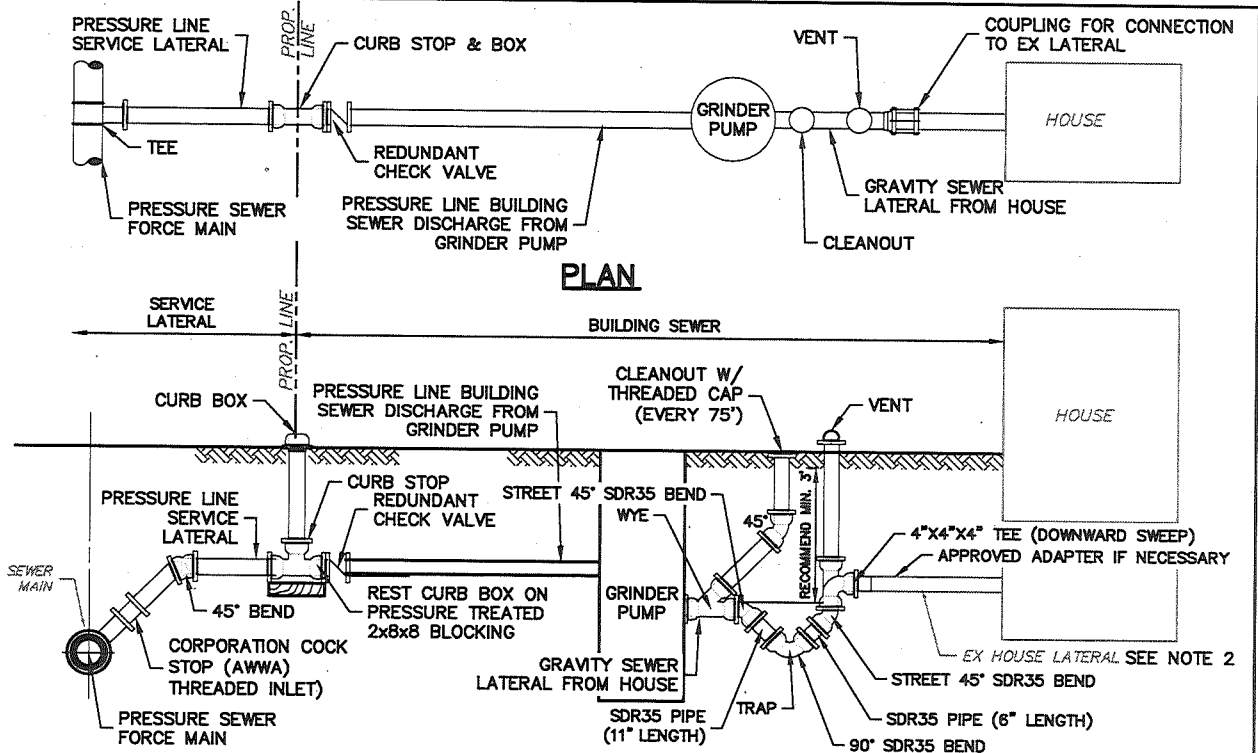




**SECTION**

- NOTE:**
1. PROVIDE TRAP PER PLATE I IF INTERIOR PLUMBING IS NOT TRAPPED.
  2. TRAP NOT REQUIRED IF ALL INTERIOR FIXTURES ARE TRAPPED.

RBMA	
GRINDER PUMP DISCHARGE CONNECTION TO A GRAVITY SEWER MAIN	
NOT TO SCALE	PLATE XVI



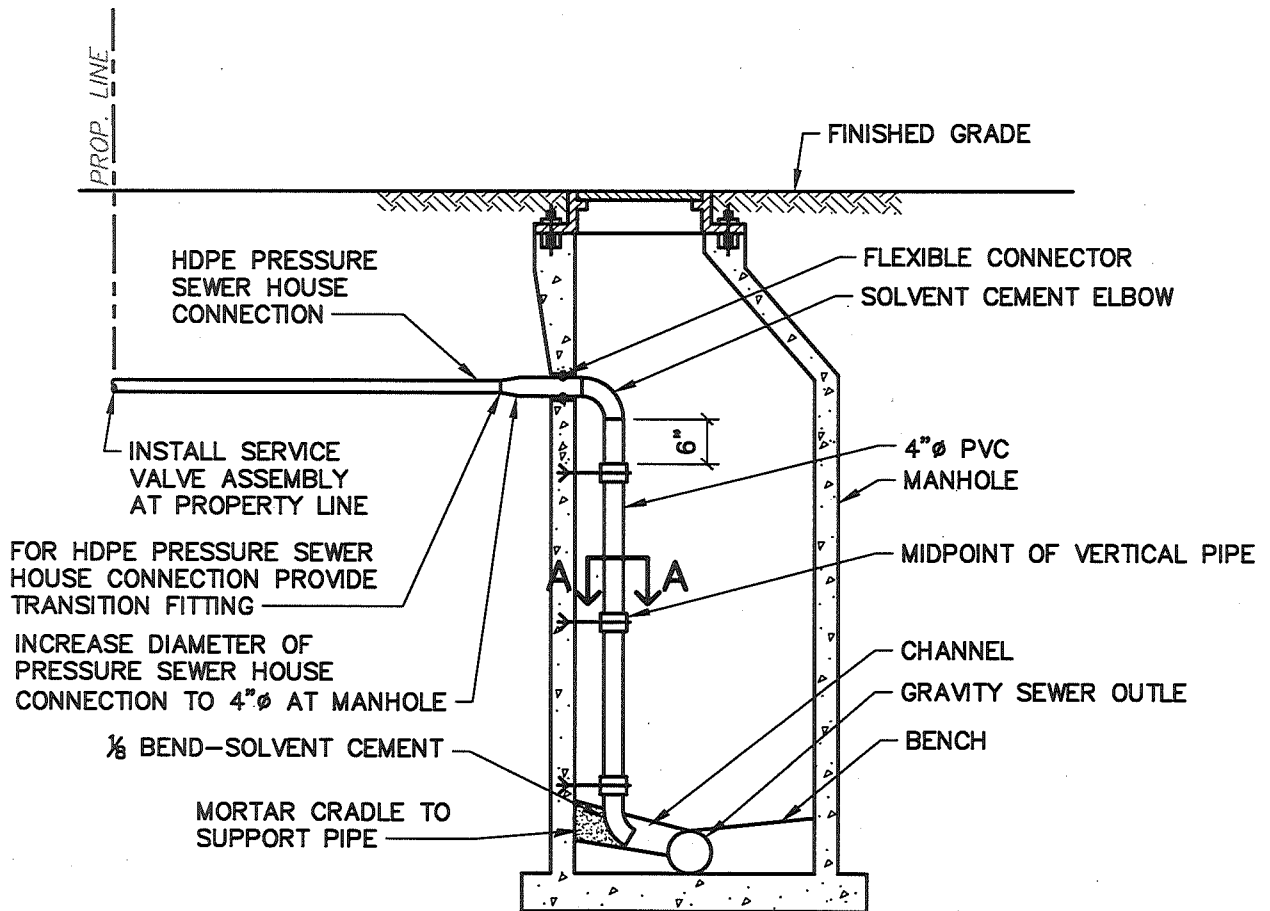
**PLAN**

**SECTION**

**NOTE:**

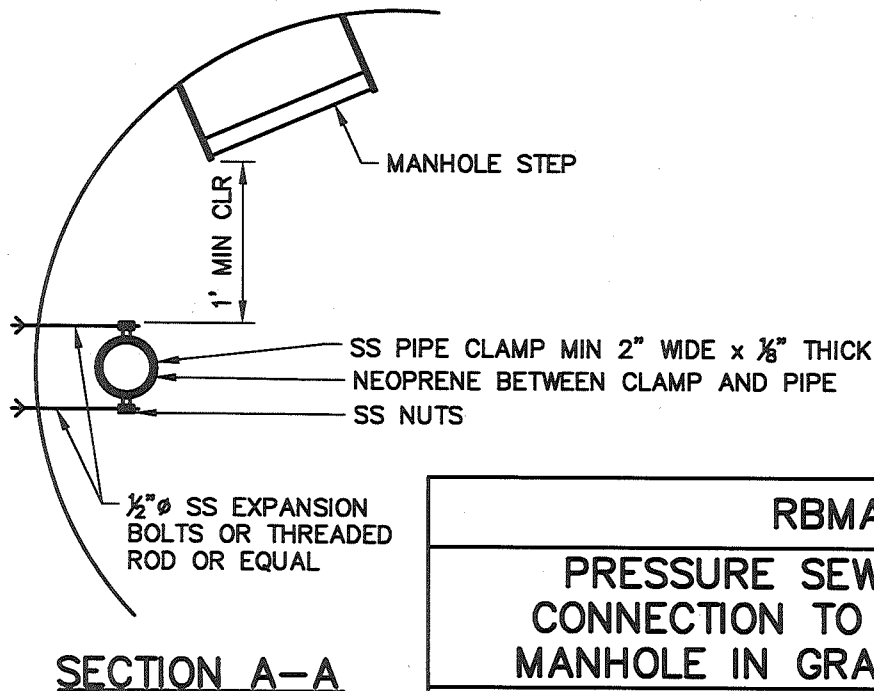
1. PROVIDE TRAP PER PLATE I IF INTERIOR PLUMBING IS NOT TRAPPED.
2. TRAP NOT REQUIRED IF ALL INTERIOR FIXTURES ARE TRAPPED.

RBMA	
GRINDER PUMP DISCHARGE CONNECTION TO A PRESSURE SEWER FORCE MAIN	
NOT TO SCALE	PLATE XVII

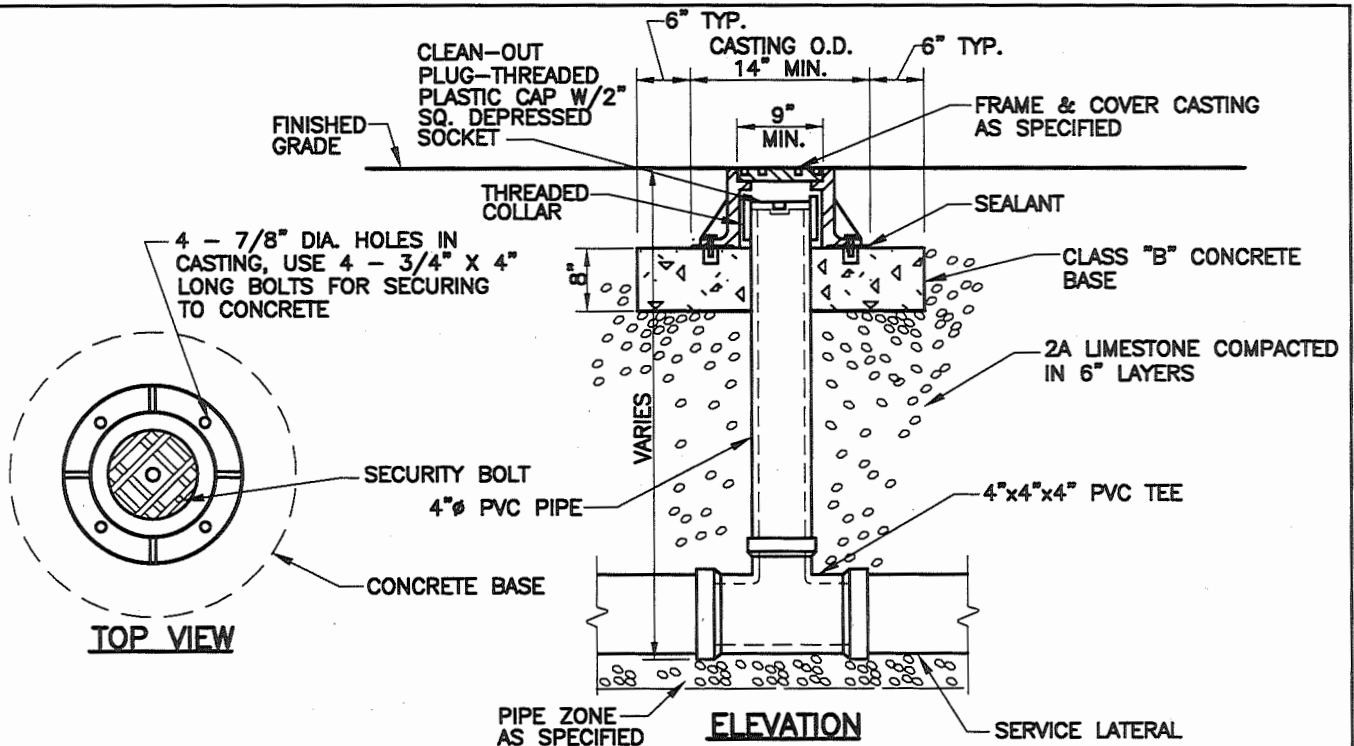


**NOTES:**

1. CROWN OF PRESSURE SEWER HOUSE CONNECTION OUTLET TO BE AT SAME ELEVATION AS CROWN OF OUTLET GRAVITY SEWER PIPE.
2. ALL MOUNTING HARDWARE SHALL BE SS GRADE 403 OR BETTER.

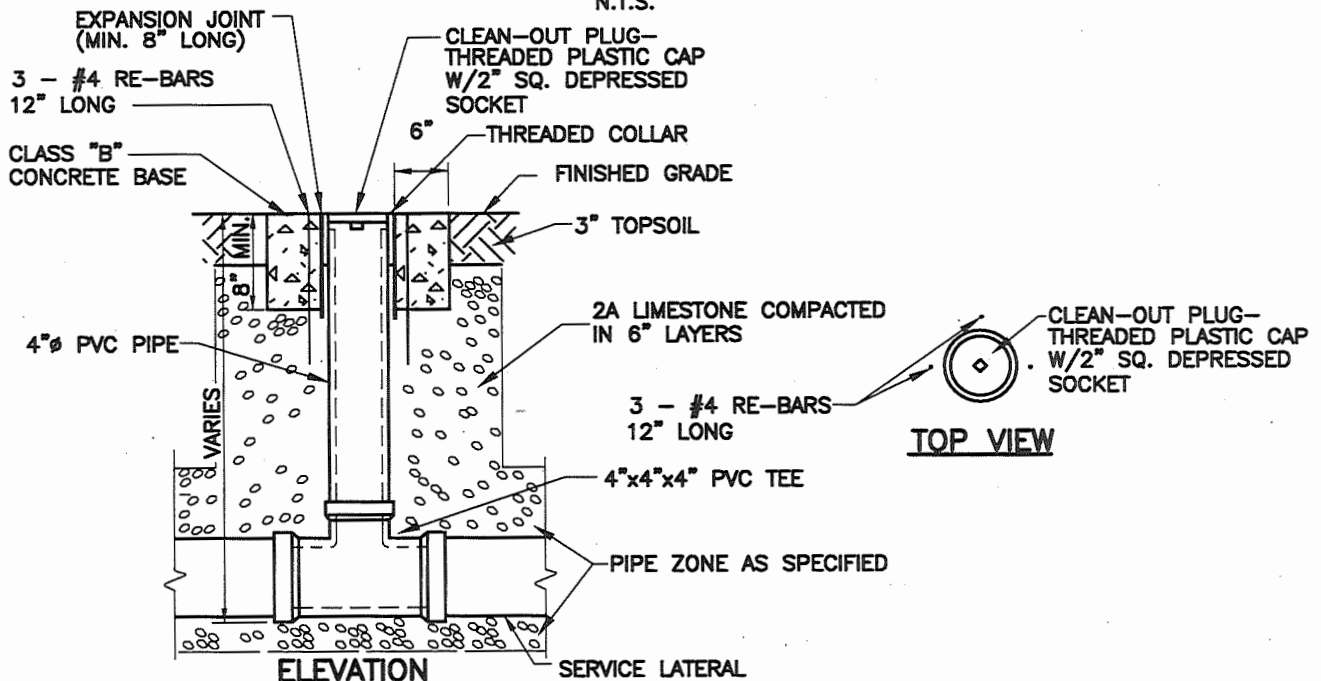


RBMA	
PRESSURE SEWER HOUSE CONNECTION TO NEW OR EX MANHOLE IN GRAVITY SYSTEM	
NOT TO SCALE	PLATE XVIII



**TYPE B - VIEW PORTS LOCATED IN TRAVELWAYS**

N.T.S.



**TYPE A - VIEW PORTS LOCATED IN UNPAVED AREAS**

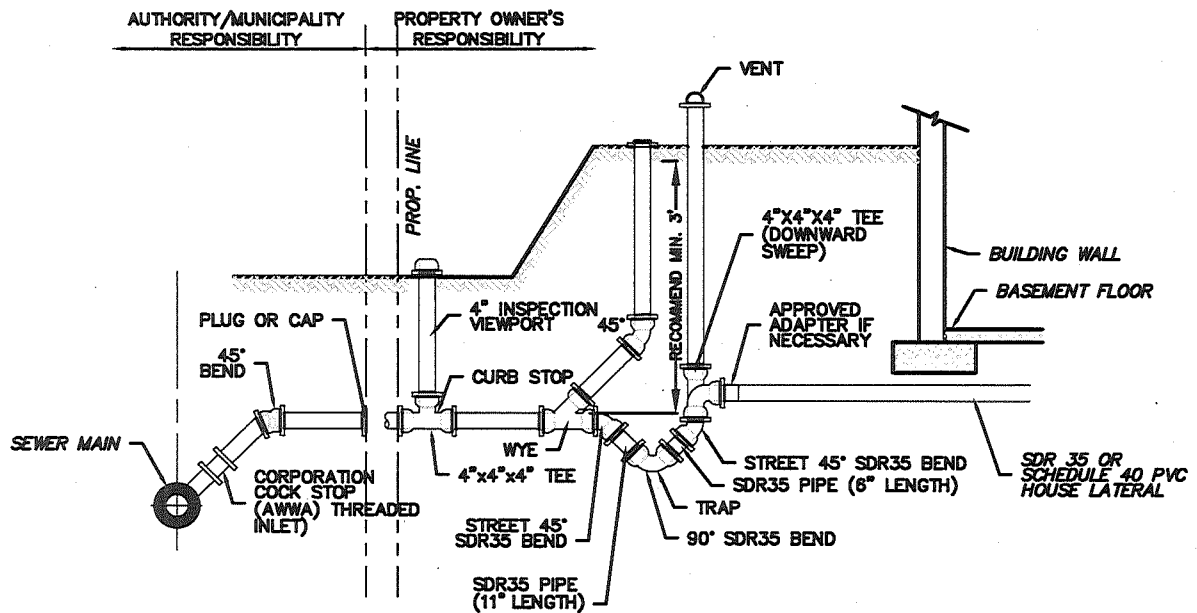
N.T.S.

RBMA

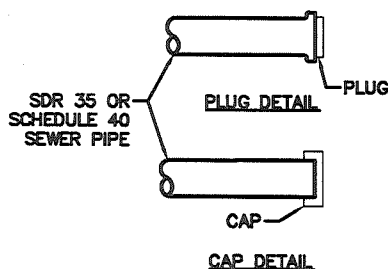
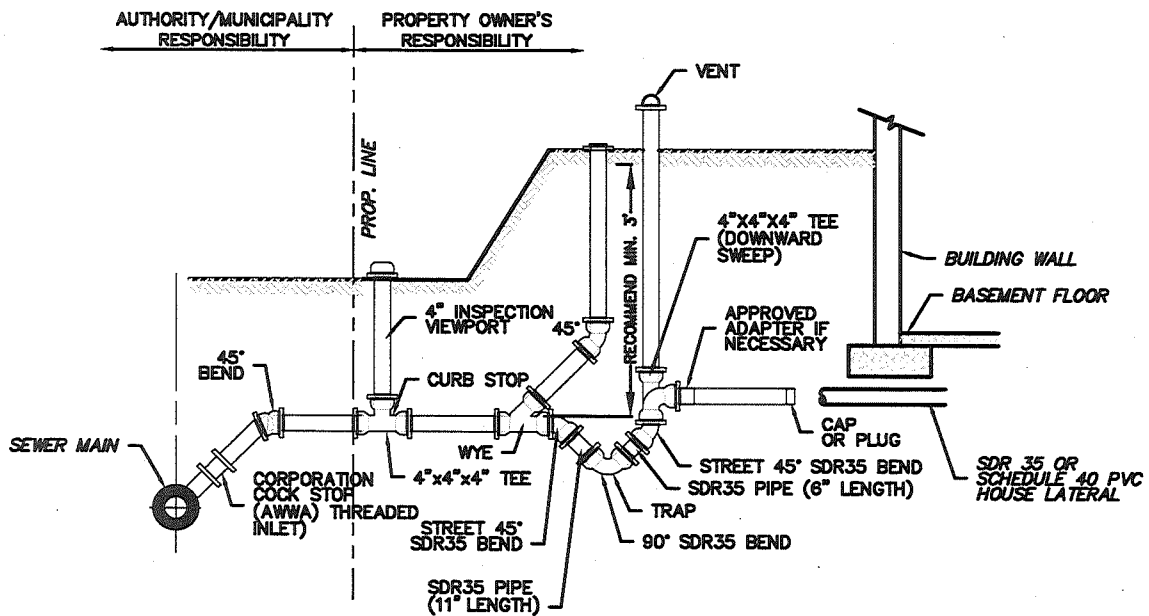
VIEWPORT DETAIL

NOT TO SCALE

PLATE XIX

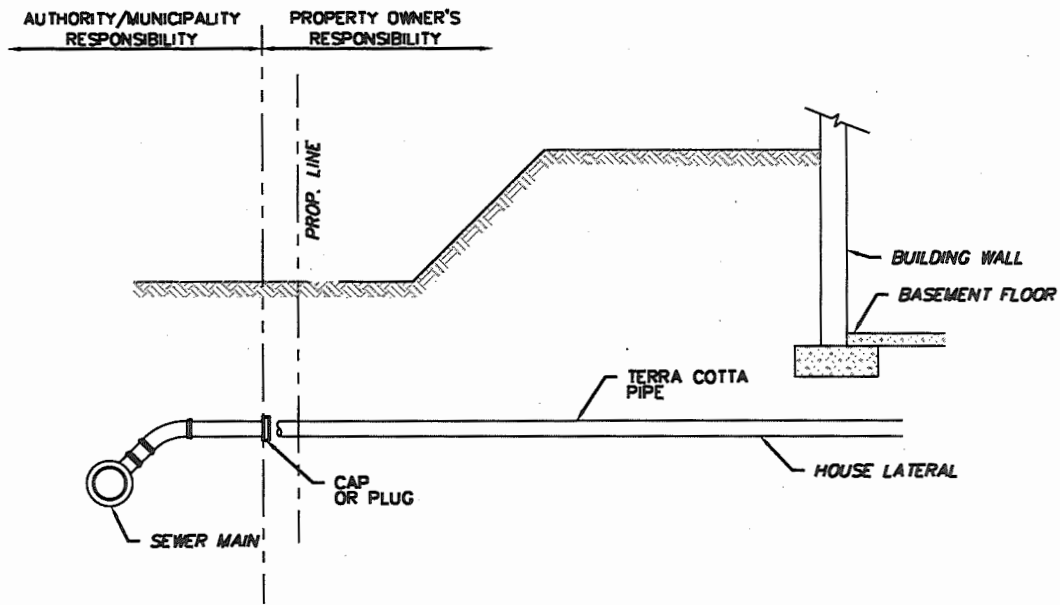


CAP OR PLUG AT THE HOUSE  
 (OPTION PERMITTED IF ALL PRIVATE LATERAL PIPING IS IN COMPLIANCE  
 WITH CURRENT RULES AND REGULATIONS)

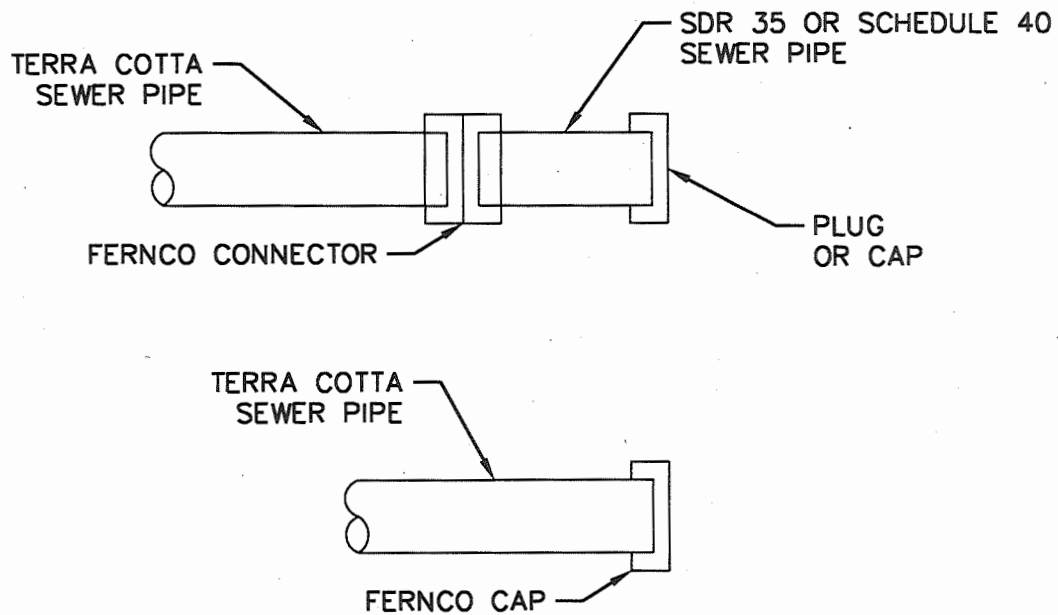


RBMA	
CAP AND PLUG DETAIL EXISTING SDR 35 OR SCHEDULE 40 PIPE	
NOT TO SCALE	PLATE XX

## CAP OR PLUG AT PROPERTY LINE



## CAP OR PLUG DETAILS

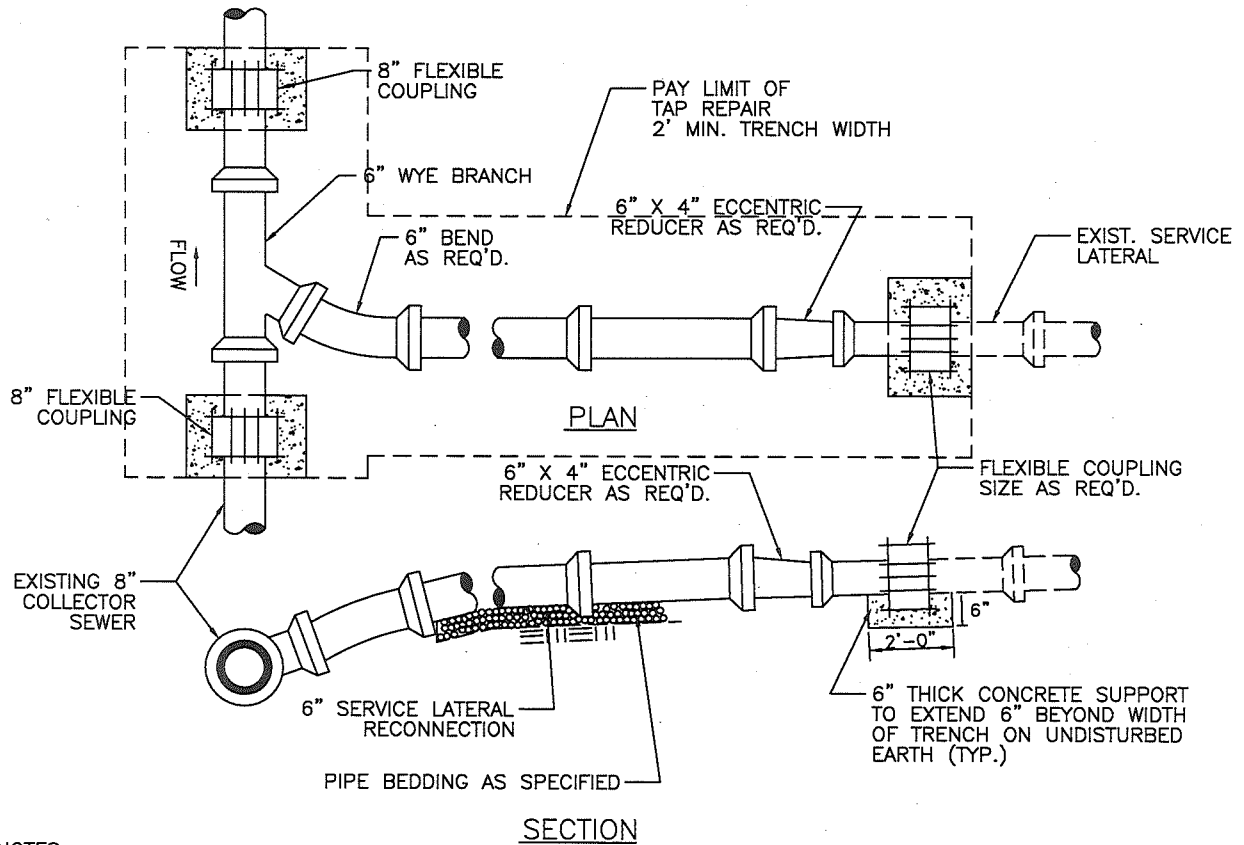


RBMA

**CAP AND PLUG DETAIL  
EXISTING TERRA COTTA PIPE**

NOT TO SCALE

PLATE XXI

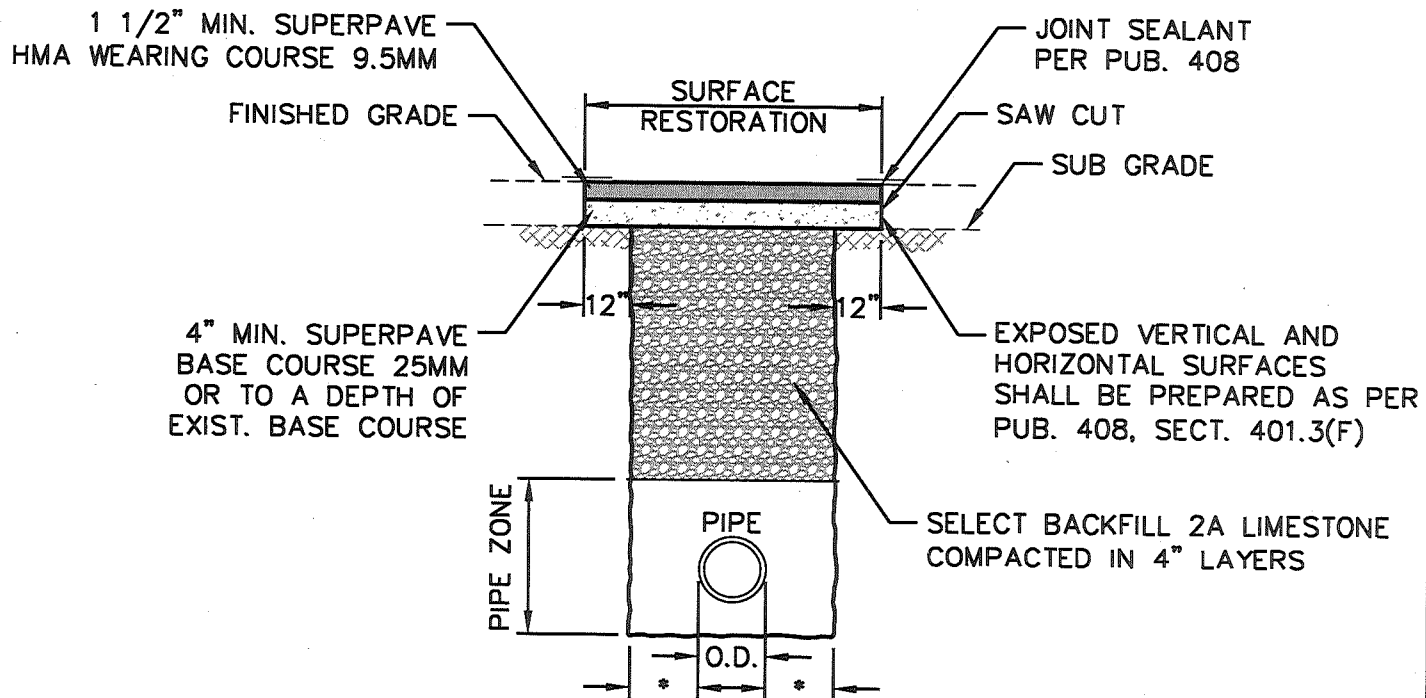


**NOTES:**

1. MINIMUM SLOPE:  $\frac{1}{8}$ " PER 1'-0" FOR 6" LATERAL AND  $\frac{1}{4}$ " PER 1'-0" FOR 4" LATERAL.
2. CONNECTION TO SEWERS SHALL BE ENCASED IN CLASS 'C' CONCRETE. MIN. OF 6" ON ALL SIDES.

RBMA	
<b><u>SERVICE RECONNECTION TO EXISTING COLLECTOR SEWER</u></b>	
THE EADS GROUP INC.	DETAIL XXII

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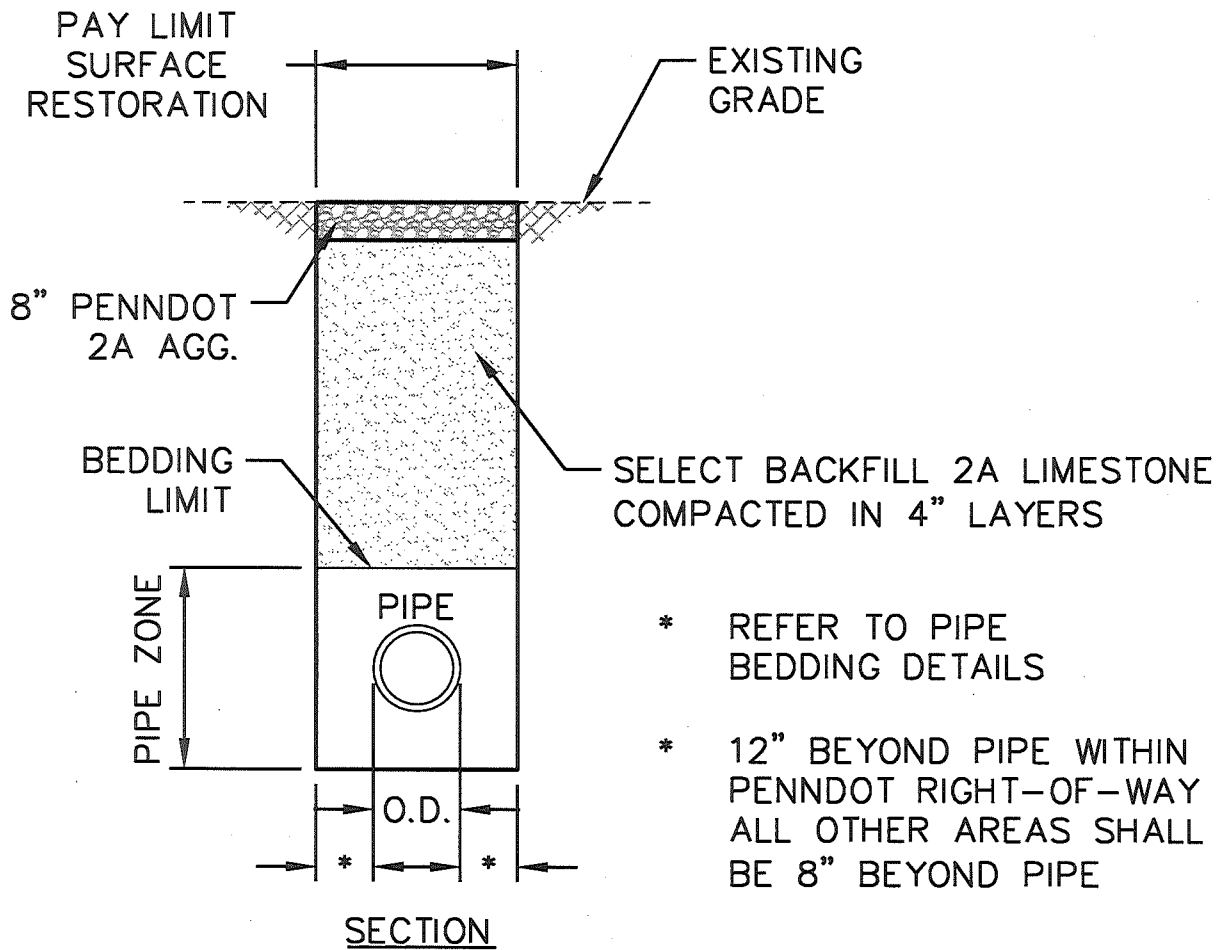


SECTION

\* REFER TO PIPE BEDDING DETAILS

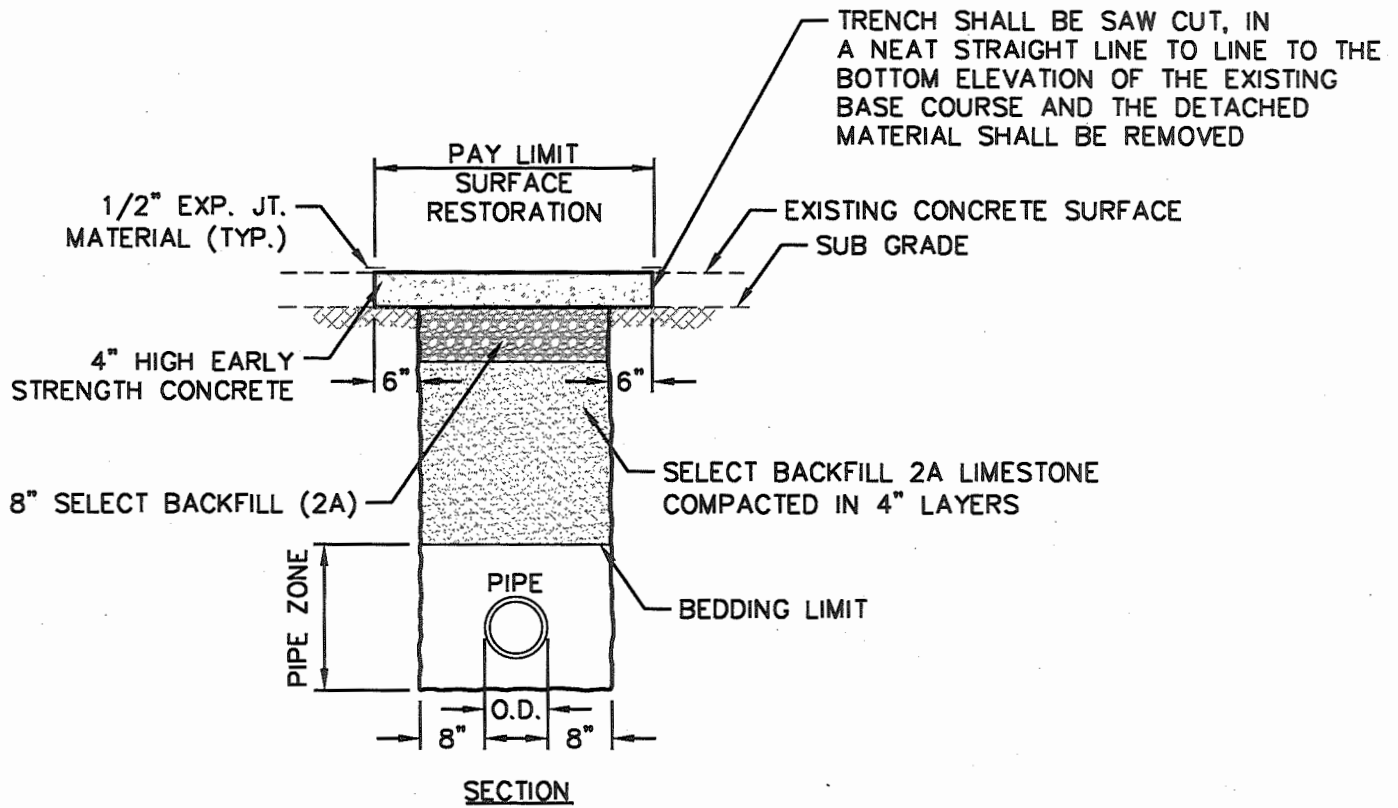
RBMA	
<u>FLEXIBLE DRIVEWAY RESTORATION</u>	
THE EADS GROUP INC.	DETAIL XXIII





RBMA	
<u>GRAVEL DRIVEWAY RESTORATION</u>	
THE EADS GROUP INC.	DETAIL XXIV

R:\6646 RBMA\Rules and Regs\2018 Standard Sewer Details\PLATE 25 XXV.dwg, 3/6/2020 8:57:43 AM

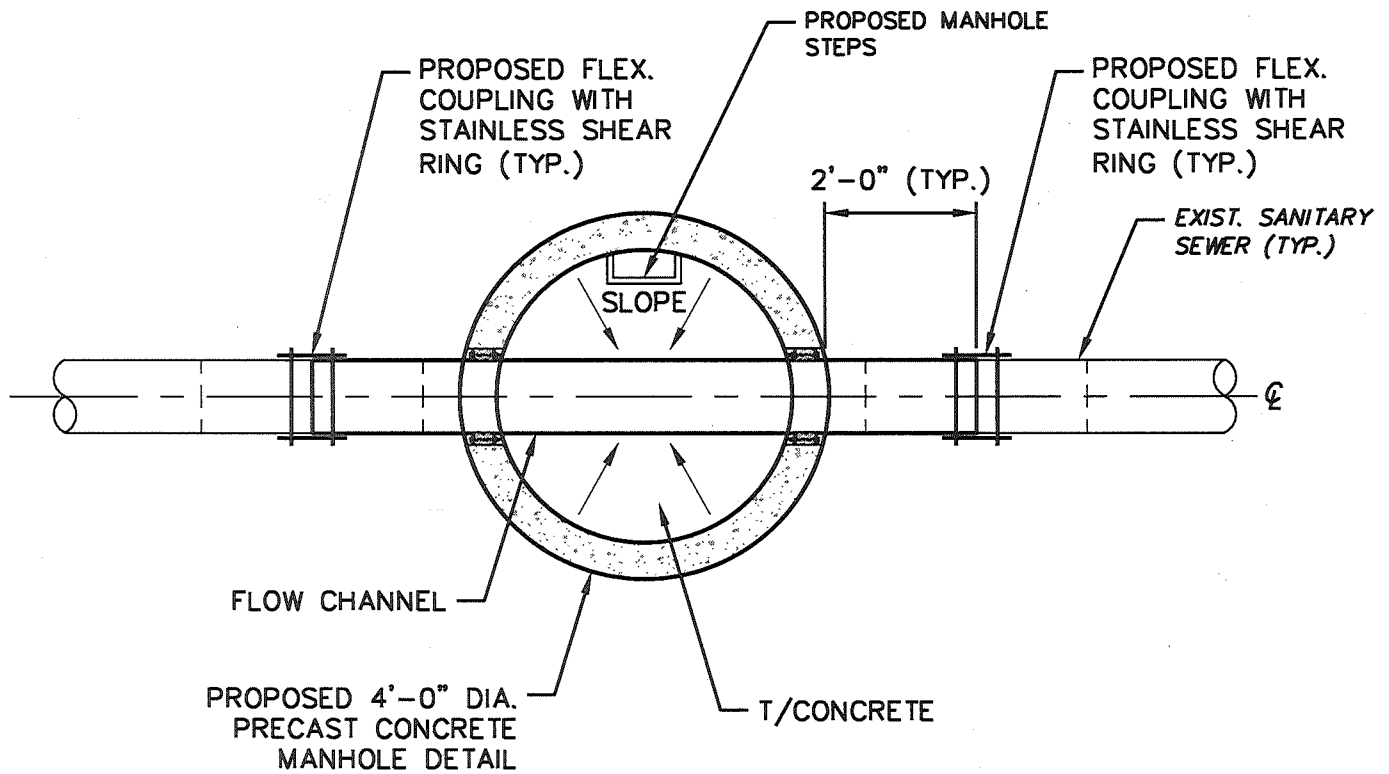


RBMA

CONCRETE DRIVEWAY RESTORATION

THE EADS GROUP INC.

DETAIL XXV



REFERENCE DETAIL

NEW MANHOLE OVER EXISTING  
SEWERLINE - DETAIL

THE EADS GROUP INC.

DETAIL XXVI